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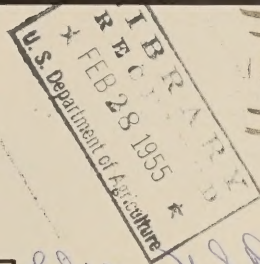
... 1955 things aquatic in the home



LOVELAND

**GOLDFISH FARM
AQUATIC NURSERIES**

Loveland, Ohio



*Library, U.S. Department of Agriculture
Washington 25, D.C.*

Return Postage Guaranteed

Thank You!



VISITORS WELCOME —

And we mean it! The picturesque gateway of the Loveland Goldfish Farm, with our Cigar Smoking Bull Frog, has for many years been a landmark on the CCC Highway. Located just twenty miles from downtown Cincinnati, our aquatic nurseries and show rooms have been a mecca for fish and plant lovers for over thirty years. Thousands of visitors have enjoyed wandering through our Tropical Fish display rooms, our plant filled greenhouses, and outside around our goldfish ponds and water lily gardens. A multitude of faces have become familiar and we have made many, many friends among our customers who come regularly to see us.

Visit us soon—our competent staff is always ready to assist you in making your purchases and to answer any question you may have pertaining to your aquarium or pool. See back cover for complete directions and our hours of business.

Entire Contents of this Catalog Copyrighted 1954.

For Sending For Our Catalog!

We sincerely hope that you enjoy it. To those of you who have not already discovered the pleasure and beauty of THINGS AQUATIC, we hope that our catalog will be the key opening the door to hours of enjoyment with a hobby your whole family will enjoy for years to come.

To those of you who have already realized the relaxation and satisfaction derived from keeping Things Aquatic in your home we only hope that this catalog will serve as your guide to better buying, to increase your hobby pleasure.

Our catalogs for many years have been sought after by beginner and expert alike, and have been used by thousands of fanciers throughout the country as a reference, a source of simple and easy shopping as well as a complete mail order market place for "Everything Aquatic."

If you have any friends whom you think would like to have our catalog, just mail us their name and address on a postal card, we will be happy to send them one immediately.

OUR CATALOG AND OUR PRODUCTS

We take great pride in our catalog "THINGS AQUATIC IN THE HOME" and the merchandise listed throughout. As you page through it, you will no doubt agree that it is one of the finest and most complete catalogs of Aquatic Plants, Aquariums, and Aquarium Supplies ever published. Our catalogs are mailed annually to Tropical Fish Hobbyists and dealers throughout the United States and to foreign countries in Europe and South America.

We offer to you, the buying public, only those products we have found in our more than thirty years of service to be the "Finest of Things Aquatic."

Our aquatic plants are unrivaled! They are grown here under scientifically controlled conditions in our own modern greenhouses. In all of our thirty years of growing, raising, and selling "Things Aquatic" we have endeavored to list and to sell only those plants best suitable for aquariums in the home.



How to Order

Be sure you write plainly—
print, if possible, your name
and address.

ON ALL ORDERS ADD 10% OF THE TOTAL AMOUNT TO COVER COST OF PACKING AND POSTAGE. ORDERS FOR \$2.50 OR LESS REQUIRE 25¢ FOR POSTAGE AND PACKING.

WE WILL SHIP EXPRESS CHARGES COLLECT — GOLD-FISH—AQUARIUMS—STANDS — GRAVEL — CEMENT AND ALL LARGE ITEMS NOT ACCEPTABLE FOR PARCEL POST SHIPMENT — ALSO ITEMS INDICATED AS SHIPPED RAILWAY EXPRESS ELSEWHERE IN THIS CATALOG. NO GOLD-FISH ORDERS ACCEPTED IF SHIPPING DISTANCE IS OVER 1000 MILES.

WHEN PLANTS, OR OTHER MERCHANDISE ARE ORDERED ALONG WITH ITEMS TO BE SHIPPED VIA RAILWAY EXPRESS, THE ENTIRE ORDER WILL BE SHIPPED WITH THEM.

Our business is growing and supplying "THINGS AQUATIC." Ordering from our catalog is your assurance of more value and pleasure for your aquatic-dollar. This year, more than ever before, more and more folks are doing their Aquatic shopping the simple, efficient shop at your leisure, Loveland way. Our thirty years experience in raising aquatic plants assures you of receiving only the best of plants and merchandise for your aquarium and home. Our twenty-eight acres here at Loveland, our greenhouses, our fifty concrete pools, our competent staff, all devoted exclusively to raising "THINGS AQUATIC" enables us to produce the highest quality plants and merchandise in volume to supply your needs at the minimum cost.

CUT OUT ALONG THIS LINE

USE THIS ORDER SHEET

LOVELAND GOLDFISH FARM

JOE JOHANNIGMAN, JR.
LOVELAND, OHIO

Date: _____

Please Print Name and Address Plainly

Name _____

Address

City

State

Post Office

Express Office

(If different from Post Office Address)

TERMS: CASH WITH ORDER. NO GOODS SENT C. O. D.

[illegible]

We Are As Close To You As Your Mail Box

HOW TO ORDER

These Terms and Directions Apply To Retail Orders Only

Order early—our stocks are complete now—use this order sheet—additional order blanks will be sent with your order or on request. Print your name and address plainly on order blank—order by number as well as name of item from our catalog wherever possible. To facilitate handling do not write letters on same sheet as orders.

REMITTANCE—Should be made by post office or American express money orders, bank draft, or your personal check. We do not recommend that you send currency or coins in the mails.

No C. O. D. orders accepted.

Minimum order from our catalog \$1.00.

If shipment is to be sent via Parcel Post—add 10% to your order to take care of handling and postage. Orders for \$2.50 or less require 25c extra for postage and packing. This amount must be added to amount of order. West of the Rockies add 35c.

If no allowance for Postage accompanies your order we shall assume that you wish your order shipped Railway Express—shipping charges collect.

HOW WE SHIP—

Railway Express—Aquariums, Stands, Aquarium Gravel, Aquarium Cement, Goldfish, Glassware Items as indicated, Soil, and other large, heavy or bulky items are shipped via Railway Express, shipping charges collect. Other items ordered with above listed items can also be shipped Railway Express.

BAD ORDER REPORTS

If your shipment via Railway Express arrives damaged, spoiled or dead on arrival, accept shipment and Express charges. Have the delivery man or your Railway Express agent give you a "Joint Inspection Bad Order Report" stating your loss or damage—condition of contents—and box. If shipment was delayed enroute state length of time enroute—report all evidence of rough handling. In the case of goldfish state whether loss was due to can being overturned or damaged to cause water leaking or loss.

We do not guarantee replacement of any items shipped Railway Express unless we receive a copy of the Bad Order Report in the event of loss or damage.

GOLDFISH ORDERS AND SHIPMENT

All goldfish orders must be shipped Railway Express—if additional plants or merchandise are ordered with goldfish they can be sent at the same time along with the goldfish. No orders for goldfish accepted if shipping distance is over 1,000 miles.

We guarantee live arrival on all goldfish orders—if your shipment should arrive in bad condition get a "Bad Order Report" from the Express company—mail this to us—and return the empty shipping can—with these—we can replace "free" your loss. The right to replace or refund the purchase price is reserved to our discretion.

All cans which require a deposit must be returned prepaid to us at once—the deposit does not cover the cost of our cans—we would rather have our cans than your deposit—please help us!

PARCEL POST SHIPMENTS

We ship Parcel Post all small items when sufficient postage is included. All easily broken items are shipped Parcel Post insured. If your order is shipped insured and arrives damaged file claim with post office and send us this claim form for completion so that we may replace loss or damaged merchandise.

For safe speedy shipment of Aquatic Plants or other plants we strongly suggest Parcel Post Special Delivery. If Special Delivery shipment is desired add 15% to amount of your postage allowance.

Prices apply only to the United States proper.

Entire Contents this Catalog Copyrighted 1954—Loveland Goldfish Farm.

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GUARANTEE

We ship good stock carefully packed. All goods are guaranteed to reach you in good condition. If shipment should arrive in bad condition—be sure to receive a Bad Order Report from the Express Co.—stating condition of package and of fish—condition of water and if delayed stated thereon. Loveland Goldfish Farm makes no warranty, expressed or implied, with reference to any merchandise sold by us, except as to certified size and quality, and that all stock shall be true to name and our liability in any case shall be limited to the replacement of such items as are short or damaged.

If any of your friends desire one of these catalogs just have them drop us a card, we will gladly mail one to them.

THERE IS SOMETHING ABOUT AN AQUARIUM

A living picture—an aquarium fits in any room, unobtrusive to any color scheme or decor, demanding only a semi-permanent position on a table, bookcase, desk, aquarium stand, or built into a wall.

In your home, in the office or waiting room, and in the school, an aquarium provides an enduring and educational hobby that is fascinating to both young and old. Here is pleasure, beauty, and relaxation from observation of your finned pets; pleasure from which you will never tire. Here is nature at your elbow; in your aquarium, an ever changing panorama of undersea life and beauty. Vivid rainbow colored fish of odd shapes and sizes contrasted beautifully against the peaceful green background of graceful aquatic plants arranged to suit your aqua-scaping desires. Watch them live, watch them grow!

To those of you who have already discovered the pleasure, beauty, and relaxation of "Things Aquatic" our catalog may only be a price list and booklet of information. To those of you who have friends who own an aquarium that you have admired and aspired to own one like it, we hope that our catalog may be the key opening the door to hours and years of untold beauty and pleasure from an aquatic hobby in your own home.

WHY THINGS AQUATIC

For years we have wondered at the lasting interest in keeping fish in the home. We have asked ourselves and our customers again and again why so many people have made their hobby "Things Aquatic." The answer lies not in a simple statement, but in several.

Young or old, an aquarium is enjoyed by everyone. Here is pleasure and a hobby you are never too old to enjoy, one that you will never tire of. Physicians point out that a man's hobby is an important means of complete mental diversion and physical relaxation. They encourage everyone to adopt a hobby. For the adult an aquarium is a pleasant diversion from

Keeping fish in the home is simple and easy provided a few common sense rules are followed. In placing the aquarium of your choice, all that is required is a semi-permanent location away from chilling drafts or excessive heat. Good light, not necessarily sunlight, is essential to plant growth and a healthy aquarium. When setting up a new aquarium the gravel should be thoroughly washed and the water in the aquarium conditioned or aged before introducing the fish. Allow the water to stand at least 24 hours or use "Water Rite Tablets" for the purpose of eliminating chlorine and other water purifying chemicals which are harmful to fish.

Here are a few simple rules; if adhered to your troubles will be minimized and pleasure from your hobby increased and longer lasting.

1. Don't over feed—cloudy water—gravel turning black at the bottom from decaying, uneaten foods are positive danger signals. Don't ignore them. Overfeeding causes the water to become unfit for the fish to live in.

2. Don't overcrowd—too many fish use up the oxygen content of the water faster than it is replaced and cause the fish to die. An easy rule to remember—two fish per gallon of water.



his working world, and as well, a striking decoration to any room. For the child there is real educational value in a hobby that will grow with him.

And remember too—"Things Aquatic" need not be expensive. We have listed in our complete catalog aquariums and equipment in all price ranges, to fit every budget. And be assured that all merchandise in our catalog is "Loveland Tested"—for quality and satisfaction.

SUCCESSFUL AQUARIUM MANAGEMENT

3. Avoid temperature changes—sudden drops in water temperature can be fatal to Tropicals. The best life insurance you can buy for your finny pets is a good heater and thermostat that will keep the water constantly between 74 and 76 degrees F.

4. Keep your aquarium clean—dirty aquariums in addition to being unsightly are unhealthy. The dirt and refuse which accumulates on the bottom of the aquarium should be siphoned off regularly and the sides of the glass cleaned with an aquarium scraper. Time spent cleaning the aquarium can be further minimized by using an air pump and filter. A filter will always keep the water pure and clean. When refilling the aquarium always use aged water or water made safe by Water Rite Tablets.

5. Always—when adding new fish to your collection, quarantine them in a separate aquarium for at least 48 hours. If they have been bruised or have become sick in transporting them to your home this quarantine period will enable you to discover whether or not your new fish are sick and you will be able to treat the disease without danger of contaminating your entire aquarium.



A Balanced Aquarium is Well Planted

A "balanced aquarium" is one in which the air surface of the water supplemented by the oxygen given off from the plants, provides sufficient oxygen in the water to support the life of the fish in the aquarium. The plants in giving off this life giving and water purifying oxygen, absorb harmful gases and carbon dioxide from the fish. It is the plants that keep the water fresh and clear, eliminating the necessity of changing the water in the aquarium.

Aquatic plants are the most important of the aquarium equipment and more than half the beauty. The natural beauty of aquatic plants serves as a pleasing background to enhance the exotic color of your fish.

Aquatic Plants need to be planted in "well-washed" aquarium gravel only; no soil is necessary. Gravel should be placed in the aquarium $2\frac{1}{2}$ to 3 inches deep in the back, sloped to 2 inches deep in the front. Planting is done with the aquarium at least two thirds full of water. The roots of the plant should be gently pushed into the gravel and covered up to the crown, leaving the crown exposed. The arrangement of the plants in the aquarium is a matter of taste. Generally the taller plants are placed in the back with the smaller and more showy specimens towards the front. Plants require 8 to 10 hours of good light each day; they will grow equally well in sunlight or artificial light provided by an aquarium reflector.

CRYPTOCORYNE HARTELLIANA—(Not Illustrated). A new variety with rich velvety green leaves that are red underneath. Large sword shaped leaves similar in shape to Cordata.

Medium \$1.00; Large \$1.50

101 CRYPTOCORYNE CORDATA—Broad heavy leaves, dark olive green, red underneath. 35c each; Large 75c

102 CRYPTOCORYNE BECKETTI—Dwarf variety—bright green leaves, long roots, an ideal plant for small aquariums. 25c each; Large 50c

103 CRYPTOCORYNE GRIFFITHI—The most beautiful of the Cryptocorynes—Broad dark silken green leaves, red underneath. Long stemmed and rooted—very hardy.

Med. 75c each; Large \$1.50

104 CRYPTOCORYNE WILLISII—A decorative plant which is out of the ordinary. Thin, ripple edged green leaves. Propagates from short runners. 35c each; Large 50c

105 BROAD LEAF WATER SPRITE—Broad fern like fronds that spread fan-like under water. New plants reproduced from the leaves. Light green in color. Small plant 25c; Large 50c

106 NARROW LEAF WATER SPRITE—Same as broad leaf sprite—only finer leaves, more delicate in texture, does not grow as large. Small 25c; Large 50c

107 PIGMY CHAIN SWORD PLANT—Echinodorus Species. A

dwarf replica of the Amazon Sword Plant. Grows to height of 4 to 5 inches. 25c each

108 AMAZON SWORD PLANT—A truly gorgeous aquatic plant! Large bright green leaves, varying in shade, depending on the amount of light received. Excellent as a center plant, grows large, longlived and hardy.

Small 75c; Med. \$1.50; Large \$2.50

109 JUNIOR AMAZON SWORD PLANT—Another smaller growing center plant for small aquariums. Narrow bright green leaves, grows to 8 inches. New plants reproduced by runners. 20c each

110 ROUND LEAF SPATTERDOCK—Delicate light green rounded leaves, low growing, requires good light. 25c each

111 SOUTHERN SPATTERDOCK (Cape Fear Spatterdock)—Long leaves, crinkled translucent green. An excellent center plant. 25c each

112 APONOGETON UNULATUM (A. Crispus)—A magnificent aquarium plant! Leaves are somewhat translucent, resembling rippled green swords. Grows large. requires good light.

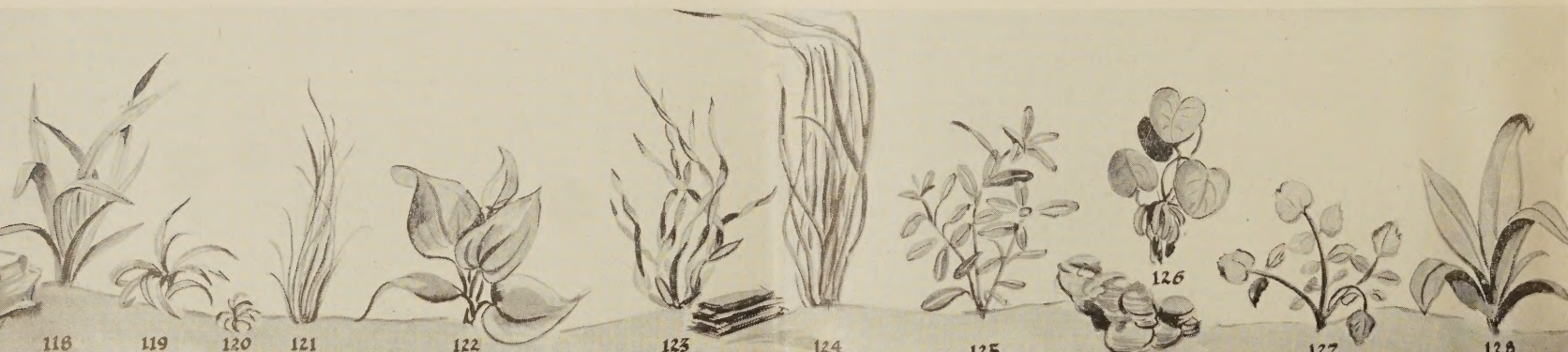
Med. 75c; Large \$1.50

113 APONOGETON ULVACEUS—The most magnificent of all center plants. Semi-translucent latticed leaves of beautiful green. Comes from Madagascar, has wonderful growing qualities. Reproduced from seed or root separation.

Med. \$2.50 each; Large \$3.50 each

114 APONOGETON DYSTACH GRANDIFLORA—A very close resemblance to Ulvaceus—except that taller plants produce flat leaves that float on the surface of the water.

Medium 50c; Large \$1.00





115 DWARF AQUARIUM LILY—A true water lily from Madagascar. Brown spotted green leaves. **45c each**

116 CELLOPHANE PLANT—Beautiful translucent green leaves; from Honduras; an attractive center plant.

Medium Plants **35c each**; Large Plants **50c each**

117 AMBULIA—A very decorative plant—resembles Cabomba. Light green; can be "pinched off" and replanted, grows roots rapidly. **35c per bunch**

118 SAGITTARIA SINENSIS—Strong heavy leaves, bright green, grows tall to about 12 or 14 inches. **15c each; 2 for 25c**

119 SAGITTARIA—DWARF VARIETY—Resembles Sinensis—small growing, excellent oxygenator. **10c each; 3 for 25c**

120 SAGITTARIA MICROFOLIA—Excellent for front planting, a tiny dwarf variety to carpet the aquarium floor. A good oxygenator. **4 for 25c**

121 SAGITTARIA SUBULATA—Heavy, grass like dark green leaves. Propagates rapidly, grows to about 10 inches. **6 for 25c**

122 ECHINODORUS RADICANS (Sagittaria Guayanensis)—Broad, oval shaped leaves—flourishes under water—airial stems bear leaves above the surface. Small **50c**; Large **\$1.00**

123 CORKSCREW VALISNERIA—Long bright green leaves that spiral like a corkscrew to the surface. An excellent oxygenator; may be used in small or large aquariums. **5 for 25c; 12 for 50c**

124 VALISNERIA—(Eel grass)—One of the best oxygenators, and all time favorite of all aquarists. Grows tall, spreads rapidly in moderately good light. **5 for 25c; 12 for 50c**

125 HYGROPHILA—A newer plant that has become very popular. Its bright green oval shaped leaves grow from stems that can be broken and planted in the gravel to take root rapidly. An excellent plant for baby fish to hide in where a thick planting is made. **25c per bunch**

126 BANANA PLANT—An odd plant with round leaves and thick roots that resemble a cluster of bananas. An aquatic oddity that is easy to grow. **25c each**

127 WATER CELERY—Light green leaves that resemble closely the leaves on a celery stock. A novel plant worth while trying in your aquarium. — DISCONTINUED.

128 WATER ORCHID—A beautifully shaped plant with thick, heavy, dark green leaves. Grows well in subdued light. Mature plants bloom above the water. **35c each**

129 CABOMBA—Bright green fuzzy leaves—an excellent oxygenator; a good plant for baby fish to hide in. May be planted or left floating. **15c per bunch**

130 WATER ROSE—An unusual aquatic plant—bright green leaves. **25c each**

131 ANACHARIS—A heavy thick growing plant—an excellent oxygenator. **15c per bunch**

132 FOUR LEAF CLOVER—A definite attraction in any aquarium. Real clover shaped leaves on long stems under water. **25c per portion**

133 MYRIOPHYLLUM—A feathery plant ideal for spawning egg laying fish; a good plant for baby fish to hide in; an excellent oxygenator. **15c per bunch**

134 LUDWEGIA—Thick stemmed, round green leaves, red underneath. **20c per bunch**

135 HAIR GRASS—A dense growing plant with hair-like leaves. Very attractive when planted in clumps. Two varieties, rooted or floating. **25c per portion**

136—MONEYWORT—Round leaves, bright green, a good oxygenator. **25c per bunch**

137 BRAZILIAN UNDERWATER FERN—An odd plant with long bright green serrated leaves; heavy roots. **25c each**

THE FOLLOWING PLANTS ARE NOT ILLUSTRATED:

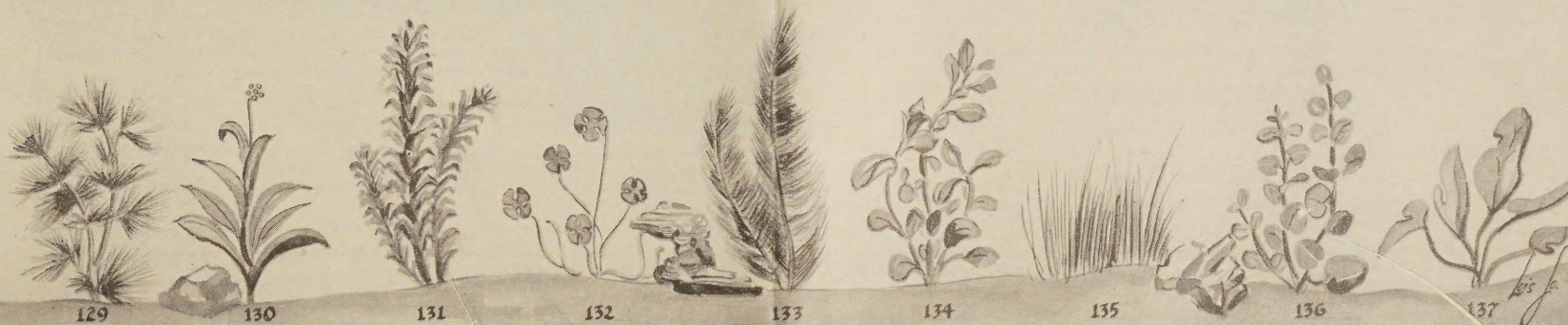
138 VARIEGATED VALISNERIA—A giant variety—broader leaves, very good in larger aquariums. **15c each; 2 for 25c**

FLOATING PLANTS—

141 AZOLLA—SALVINA—DUCKWEED—assorted. **Per portion 25c**

142 FLOATING WATER FERN—An interesting viviparous plant that floats on the top of the water, long hairy roots. An ideal plant to use with bubble nest builders. **10c per plant**

143 GIANT HYGROPHILA (From Brazil)—A recent introduction to aquarists in this country that has proven itself to be an excellent, easily grown aquarium plant. Slender tapering leaves, that grow from a sturdy stem slightly darker green in color. Quick to root, easily grown from cuttings will grow 10" to 15" tall. **50c per plant; 3 for \$1.25**





No. 1 No. 2 No. 3 No. 4 No. 5

Plants in picture are, from left to right: 1. Giant Vallisneria—2. Corkscrew Vallisneria—3. Amazon Sword Plant—4. Sagittaria Sinensis—5. Dwarf Lily

For Deluxe Aquarium Planting—

These Deluxe Plant Collections are composed of 15 different varieties of plants. For suggested planting see numbered drawing below.

COL. A-30—Includes 15 varieties 75 plants. only **\$7.75**
(Plants are listed to correspond with numbers in drawing)

- 1—2 Bunches Hygrophila
- 2—8 Cryptocoryne Willisi
- 3—2 Cryptocoryne Griffithii
- 4—12 each—Sagittaria Microfolia
Sagittaria Subulata
- 5—2 Dwarf Aquarium Lilies
- 6—1 Southern Spatterdock
- 7—1 Amazon Sword Plant
- 8—3 Cryptocoryne Beckettii
- 9—1 Cryptocoryne Hartelliana
- 10—2 Cryptocoryne Cordata



- 11—3 Ambulia
- 12—12 Corkscrew Vallisneria
- 13—3 Giant Hygrophila
- 14—12 Vallisneria
- 15—6 Sagittaria Sinensis

COLLECTION NO. A-30

This collection of plants will beautifully aquascape an aquarium of 30 to 50 gallons. 15 varieties—75 plants. Collection Price **\$7.75**

COLLECTION NO. A-15

This is a complete collection of plants for a 15 to 20 gallon aquarium. 50 plants—15 varieties. Collection Price **\$5.50**

COLLECTION NO. A-10

This collection of deluxe aquatic plants is for a 10 gallon aquarium. 25 plants—15 varieties. Collection Price **\$3.75**

Aquatic Plant Collections

The plants in the collections listed on this page are selected from the finest of aquarium plants grown in our greenhouses. All plants listed are excellent oxygenating plants; the collections are varied to give proper size and number of plants according to the size of your aquarium. Experienced aquarists select, gather, and wrap all plants carefully so that they will reach you in good condition to give you pleasure and add beauty to your aquarium.

COLLECTION NO. A-1

This collection for the five gallon aquariums—consists of the popular varieties—Vallisneria, Sagittaria, Anacharis, and Floating Fern.

10 Plants—4 Varieties **\$1.25**

COLLECTION NO. A-4

A Deluxe assortment of at least 20 assorted plants including some of the more rare types such as Cryptocoryne, Amazon Sword Plant, Dwarf Lily, etc., for a 10 to 15 gallon aquarium. **\$2.75**

COLLECTION NO. A-2

For those aquarists with a five to eight gallon aquarium who desire a wider variety of oxygenating plants we recommend this collection. Eight varieties of plants. **\$1.75**

COLLECTION NO. A-5

For the 15 to 20 gallon aquarium we recommend this assortment: 30 plants of at least 12 varieties including the Cryptocoryne. **\$3.25**

COLLECTION NO. A-3

An assortment of at least 20 selected plants in eight to ten varieties. Sufficient for an attractive display in a 10 gallon aquarium. **\$2.25**

COLLECTION NO. A-6

For the 20 to 30 gallon aquarium—a collection of 30 or more plants including the four varieties of Cryptocoryne and one of the Aponogeton. **\$5.00**

PLANT AND SCAVENGER COLLECTIONS

Here are three combinations of snails and aquarium plants to simplify ordering for beginner or expert aquarist. Sufficient plants and snails are included in each collection to adequately furnish the appropriate size aquariums as listed.

PS-1—Plants and Scavengers. A collection suitable for a 2 to 5 gallon aquarium.

8 Plants and 4 Snails **\$1.25**

PS-2—A collection of 15 selected plants and 6 assorted snails—suitable to balance a 10 gallon aquarium. **\$2.00**

PS-3—This collection for a 15 to 20 gallon aquarium. 20 assorted Plants (Col. A-4) and asst. of Snails (Col. S-10). **\$3.75**

AQUARIUM PLANT TIPS

Good light, not necessarily strong sunlight, is needed to grow beautiful aquarium plants. Artificial light, easily controlled by an aquarium reflector is usually the most satisfactory. An aquarium reflector, styled to match your aquarium, is a worthwhile investment in added pleasure and beauty.

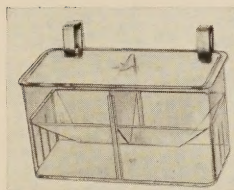
Too much light will cause the water to become green from a growth of Green Algae. If aquarium is located directly in sunlight back glass can be shaded with crystal paint or by the use of an Aquari-Decal.

In a newly "set-up" aquarium—Plant Tabs, or Liquid Plant Food will help plants get over the initial shock of transplanting. Normally the fertilizer provided by the fish will produce strong growth, but the occasional addition of plant food will do much to provide extra strength and luxuriant beauty of the plants in any aquarium.

Aquarium Necessities

The following pages contain all the accessories related to the aquarium. These accessories and "gadgets" have been selected from the standpoint of their usefulness and relative value to the aquarist. Our complete selection enables you to choose from many manufacturers of nationally advertised products. Each piece of equipment serves a particular need in making your hobby more enjoyable, in making simple tasks easier, or a particular project more complete.

BREEDING TRAPS



Wil-Nes Four Way Breeding Trap—Completely molded plastic, scientifically devised water circulation, stainless steel hangers, and full cover. Can be used as a Single Breeding Trap—or insert the partition and you have a Double Breeding Trap for two expectant mamas. Use it as a Fry Tank to keep

new born babies or small fish safe from the cannibalistic jaws of larger fish—or as a Betta Display Tank—two male Siamese Fighting Fish can be placed side by side safely in your community aquarium. Price \$3.50

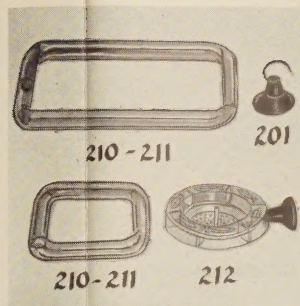
229—Plastic Breeding Trap—4"x4"x8" constructed of clear plastic with plastic rod slats in bottom to permit eggs or baby fish to drop through. If suspended in separate tank the newly born fish or eggs can drop through the openings between the rods and avoid their sometimes cannibalistic parents. \$2.75 each

230—V-Shaped Breeding Trap—Designed for live bearers or for separating individual fish. Removable slat in bottom for conversion. \$2.00 each

231—Plastic Betta Trap—For those of you who yearn for the beauty of more than one Betta (Siamese Fighting Fish) in a community aquarium, this partitioned plastic Betta tank is the answer. Tank is 4"x4"x8" with drilled holes to insure water circulation. Plastic partition is removable, easily bent metal hangers fasten Betta Trap to side of aquarium. \$2.75 each

WIL-NES #112 BETTA DISPLAY TANK—Precision moulded crystal clear plastic two compartment Betta Trap. Will accommodate two Bettas. Complete with full cover, partition dividers, metal hangers to suspend trap inside community aquarium. PRICE \$2.75.

217—U-Channel Rubber—Easy to use—to divide or partition your aquariums. Cut glass to size, fit in channel, place glass with rubber inside your aquarium. 15c per foot



FEEDING RINGS

210—Glass Feeding Rings—Prevents food from spreading over the entire aquarium, makes it easier to keep tank clean.

210 A—2"x2" Glass 25c

210 D—2"x4" Glass 35c

211—Plastic Feeding Rings—Unbreakable, green plastic construction.

211 A—2"x2" Plastic 35c

211 B—2"x4" Plastic 50c

201—Suction Cup Holder for Feeding Rings—Wire clip attached to rubber suction cup fastens and holds feeding rings in place over feeding area where any excess food can be easily siphoned off with dip tube. 10c each; 3 for 25c

212—Saxon Four Way Feeder—Plastic feeding ring with rubber suction cup attached to anchor feeder to glass. Center piece can be removed for dry feeding—in place the holes prevent worms from falling to the bottom before fish can find them. Remove the suction cup and it can be used both ways as a floating feeding ring. Price 25c



2-109 Worm Feeder

235—Jo-Jo Spawning Grass—Easy to use, a natural product that is practically everlasting. A wonderful spawning and hiding medium, will not deteriorate in water, can be dried and reused. Per Package 35c

2-109 — Wil-Nes Worm Feeder—Non-sinkable—detachable underslung catch-all platform prevents worms from falling to the bottom of the aquarium where they embed themselves under the gravel.

Price 50c

AQUARIUM THERMOMETERS

233—Stainless Steel Hanging Thermometer—Hangs on aquarium frame, accurate, easy to read, clearly defined numerals. 5 1/4" long. \$1.00 each

202—Large Mercury Filled Floating Thermometer—Floats upright in the aquarium, accurate, easily read markings. 6 1/4" long. 75c each

205—Speed Point Floating Thermometer—Floats upright, accurate within two degrees, red filled, easy to read numerals. 4 1/2" long. 35c each

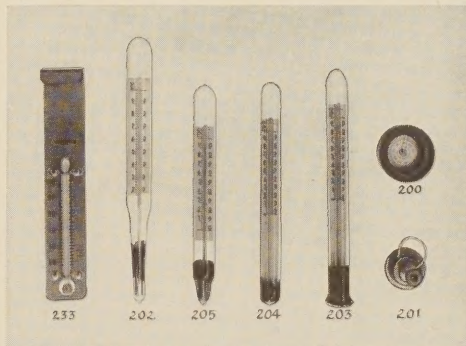
204—Floating Thermometer—An inexpensive, accurate thermometer. Floats upright in the aquarium. 4 3/4" long. 29c each

203—Standing Thermometer—Weighted to stand vertically at the bottom of the aquarium. Accurate within two degrees, red filled, easy to read. 5" long. 35c each

200—Stick-On Thermometer—Attaches by suction to the inside surface of the aquarium glass. Accurate, easy to read, and dependable. 1 1/4" diameter. \$1.50 each

201—Rubber Suction Cup Holder—For floating thermometers or feeding rings, fastens them securely against the glass in the aquarium. 10c each—3 for 25c

201 A—Stainless Steel Clip Holders for Floating Thermometers—fits over the frame on your aquarium and holds a floating thermometer securely in place for easy reading. 25c each



SPAWN-A-MOPS—Made from nylon yarn, cannot rot or decay. The finest medium discovered to use for spawning egg-laying varieties of fish. With a Spawn-A-Mop there is no chance of introducing snails, harmful parasites, or bacteria into aquarium. Can be boiled, sterilized, or dried and used again and again. Also Spawn-A-Mops can be used to provide a safe hiding place for newly hatched live bearers.

Small Spawn-A-Mop—6" High Price 69c

Large Spawn-A-Mop—8" High Price 89c



WATER TESTING KITS

Water is of course the most important thing to the fish in your aquarium. Various kits are listed here for those who wish to pursue their hobby along a more scientific vein.

214—Junior Water Testing Kit—A simple testing kit and color chart for testing aquarium water to determine the acid or alkaline content. For healthier aquariums, and controlled breeding. **50c each**

215—Senior Water Testing Kit—A complete kit for testing and adjusting the PH values in your aquarium. An accurate color chart, Bromothymol Blue and "eye-dropper", Sodium Biphosphate, and Sodium Bicarbonate for adjusting water. Complete, easily understood directions. **\$1.75 each**

Sodium Biphosphate **45c**

Sodium Bicarbonate **25c**

Bromothymol Blue w/dropper **45c**

Wil-Nes Color Chart **25c**

216—Fish Ade pH Kit—pH papers, color chart, in a compact plastic case. To test acidity or alkalinity of your aquarium water simply tear off a small strip of the sensitive papers, dip in a drop of water and match the color on the chart. **\$1.00 each**

237—Water Hardness Test Kit—Safe, dependable and accurate. An easy method for determining the relative hardness or softness of aquarium water. Complete with directions in clear plastic box. **\$2.00**

238—Water Softener—An effective water softener for aquarium use. Placed in an aquarium filter this softener does the job completely and effectively. Pillow can be recharged and used over and over. **\$1.00**

239—Chlorine Indicator—For those aquarists who live in areas supplied by chlorinated water of unknown quantity. A simple, fast and efficient method of testing water to actually determine the presence of chlorine in the water. **\$1.00**

WATER RITE TABLETS

DON'T TAKE CHANCES—USE WATER RITE—MAKES TAP WATER INSTANTLY SAFE—ELIMINATES ALL TRACES OF CHLORINE—FOR TROPICAL FISH AND GOLDFISH.

4 Tablet Vial—treats 4 gal.	15c
12 Tablet Vial—treats 12 gal.	35c
35 Tablet Bottle—treats 35 gal.	75c
4 oz. Powder—in jar—treats 250 gal.	\$1.00
1 lb. Powder—in jar—treats 1000 gal.	3.25

PLANT FOOD—FULTON'S PLANT TABS—A specially prepared aquarium plant fertilizer that is safe to use with fish to stimulate growth in all aquariums. It is especially important to use plant food in newly set aquariums which lack the natural fertilizer furnished by the fish. 50 tablets in box with complete directions. **PRICE PER BOX 35c.**

220—Pecora Aquarium Cement—A product that can't be beat for repairing broken or leaky aquariums, constructing new ones. Easy to work with, a black, ever-plastic cement. Directions for use on can.

220 A—1 Pound Pecora Cement **55c**
(Can be shipped Parcel Post)

220 B—5 Pound Pecora Cement **\$2.25**
(Shipped only Express Charges Collect)

220 C—10 Pound Pecora Cement **\$3.85**
(Shipped only Express Charges Collect)

221—Liquid Aquarium Cement—To repair minor leaks or cracks in aquariums. Easy to apply. 1 ounce bottle. **25c each**

FOR AQUARIUM DECORATION

219—Self Designing Crystal Paint—To paint aquarium glass on the outside, the back and sides, easy to apply, crystallizes in beautiful colors and shapes as it dries. Specify color desired when ordering. One ounce bottles, enough to paint the back of a 10-gallon aquarium. Red, Yellow, Blue, Green, Rose, Amber, Turquoise, White, and Clear. **25c each**

219 A—Crystal Craze—2 ounce bottles crystal paint. 8 beautiful colors. Blue, Black, Fluorescent Pink, Green, Tropical Green, Turquoise, Violet, and Red. **45c per Bottle**

AQUARI-DECALS—The new modern background is the decal for the back glass of your aquarium. Distinctively different, easily and permanently applied. Every design an exclusive! A panorama of gorgeous colors that blend beautifully as well as accentuate the natural color and beauty of the plants and fish in your aquarium. Available in three sizes, all may be cut or pieced together as you wish.

SMALL DECAL—11"x16"—EACH **\$1.25.**

REGULAR DECAL—16"x23"—EACH **\$2.00.**

SUPER DECAL—20"x35"—EACH **\$4.00.**

STAINLESS STEEL HOLDERS FOR GLASS COVERS

Rust proof handles which will support glass covers for aquariums. Made to fit snugly just inside aquarium frame.

2" Handles—per pair	Price \$.75
3" Handles—per pair	Price .75
4" Handles—per pair	Price .85
5" Handles—per pair	Price 1.00

FISH NETS—Indispensable for every aquarists and fish fancier. For gold or Tropical fish—Wire handles.

N 1 —3 inch Triangular net	15c
N 2 —4 inch Triangular net	25c
N 3 —4x5 inch	35c
N 5 —5x8 inch	50c
N 6 —7x10 inch for large tanks	75c
N 7 —3 inch Triangular goldfish net	20c
N 9 —6 inch Triangular goldfish net	50c

NEW NYLON FISH NETS—Faster drying, longer lasting nets for beginners or experts who insist on the best.

N1N —3 inch Triangle	20c
N2N —4 inch Triangle	30c
N3N —5 inch Triangle	40c
N4N —6 inch Triangle	50c
N8N —5x8 inch	\$1.00
N10N —7x10 inch	\$1.50

AQUARIUM CLEANING DEVICES

Simple, easy to use—the right tool for every job, to keep your aquariums in tip-top shape always.

240—Stainless Steel Plant Shears—20 inch overall length—handy to use for trimming plants in the aquarium. Price **\$2.25**

241—Stainless Steel Planting Tongs—19 inches overall length—round plant grippers facilitate planting especially in deep tanks, or where you do not wish to disturb fish. Price **\$1.35**

225—Planting Tongs—Rustproof, made from light weight non-ferrous metal. Simplifies planting without causing undue disturbance of fish in the aquarium. 15 inches long. **\$1.15 each**

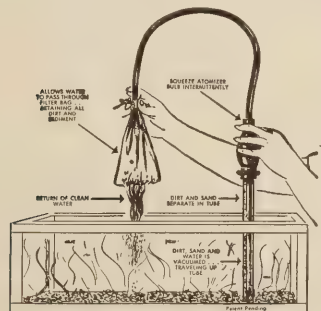
227—Metal Planting Stick—One of the most useful tools we have seen. Makes planting in the aquarium easy. Catch roots firmly in the forked end and slip the plant into the gravel. Use broad flat end for packing gravel around plant to hold it in place. For real planting efficiency, use planting stick and planting tongs together. 18 inches long, rust proof. **50c each**

226—Metal Aquarium Scraper—Rust proof, light weight, 15 inches long, will hold any type safety razor blade. **65c each**

228—Wood Handle Aquarium Scraper—19 inches long with reversible razor blade and rubber squeegee. Makes removing of algae from aquarium glass an easy job. **50c each**

242—Stainless Steel Scraper—18 inches overall length, wood handle holds stainless steel head with rubber squeegee, razor blade can be inserted. Well made, to provide years of service. Price **75c**

236—Jiffy Aquarium Cleaner—A time and work saver for all aquarists. Dirt and sediment in the aquarium is vacuumed off the bottom by means of a powerful rubber bulb with plastic tube. The dirty water from the aquarium is filtered through a cloth bag and the clean water passed back into the aquarium. Eliminates troublesome mess and saves precious aged water. Use it once—and you'll never give it up. Price **\$3.95**



224—Plastic Catch Pipe—Designed to safely catch and remove gravid females or baby fish from the aquarium. Place large end of catch pipe into aquarium, keeping finger over small end, guide pipe towards gravid female or baby fish, release finger when pipe is close to quarry, fish will be sucked into globe with water for safe removal. **65c each**

243—Plastic Siphon Hose— $\frac{3}{8}$ " inside diameter heavy wall plastic tubing comes in any length you desire for a siphon to remove dirt or water from the bottom of the aquarium. AVAILABLE IN THE FOLLOWING LENGTHS: 6 FT. **\$1.00**; 10 FT. **\$1.50**; 15 FT. **\$2.25**.

218—Siphon Hose with Rubber Ball Starter—7 ft. of heavy black rubber hose with rubber ball starter attached. Indispensable to the aquarists who want a clean aquarium. Easily used to siphon dirt and debris off the bottom of the aquarium. **\$1.00 each**

244—Magic Wand Dip Tube—The Magic Wand is an inexpensive hand operated filter-dip tube. Rubber bulb on top of filter compartment sucks dirt from bottom of any size aquarium into chamber containing glass wool. Clean water is then allowed to return to aquarium directly. Simple to operate—"a squeeze is all it takes"—easy to clean—length adjustable to 18". PRICE **\$3.50**.

245—Aqua-Matic Dip Tube—A new and revolutionary dip tube development. Provides a uniform, continuous filtering action without loss of tank water. This is done as the water is filtered through glass wool and is returned by the Flo-Valve to the tank.

245 A—12" Aqua-Matic Dip Tube Price **\$1.00**

245 B—14" Aqua-Matic Dip Tube Price **1.10**

245 C—16" Aqua-Matic Dip Tube Price **1.15**

245 D—18" Aqua-Matic Dip Tube Price **1.25**

223—12" Plastic Dip Tube each **65c**
223 A—14" Plastic Dip Tube each **75c**
223 B—16" Plastic Dip Tube each **85c**
223 C—18" Plastic Dip Tube each **\$1.00**
223 D—24" Plastic Dip Tube each **1.25**

223 W—Wide Mouth "No Gravel" Dip Tubes—Wide mouth prevents tube from picking up gravel. Same price and sizes as above—when ordering—SPECIFY—"WIDE MOUTH".

2106 AND 2106 DX WIL-NES POWER DIP TUBES

2106—Deluxe Power Dip Tube—Has only one nozzle as illustrated.

2106 DX—Duplex Power Dip Tube—Comes equipped with both slender nozzle and "snorkel" attachment as illustrated. Either model will operate with any type air pump.

2106—15" Deluxe **\$1.75** **2106 DX—15" Duplex** **\$2.00**

2106—19" Deluxe **2.00** **2106 DX—19" Duplex** **2.25**

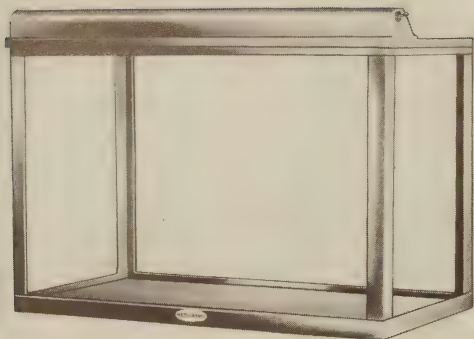
(Note: Power dip tubes will not operate without an air pump) Glass Wool is not included—order separately—

Wil-Nes Glass Wool **25c per package**

AQUA-FERN—Sensational new brightly colored fern-like plant that requires no light—will not rot or decay. Comes in dramatic green or red colors. Combine them with natural aquatic plants for sparkling effects. An excellent spawning or hiding plant for babies.

AQUA-FERN SMALL SIZE—about 4" Red or Green **39c**

AQUA-FERN LARGE SIZE—about 6" Red or Green **69c**



META-FRAME STAINLESS STEEL AQUARIUMS

These aquariums all have heavy slate bottoms; extra clear vision glass throughout; highly polished stainless steel frames, carefully mitted for durability and strength.

Number	Width	Length	Height	Capacity	Price
AC 2	6	10	8	2 gal.	\$3.00
AC 3	7	12	9	3 gal.	3.95
AC 5	8	14	10	5 gal.	4.95
AC 6	8	16	10	5½ gal.	5.50
AC 8	9	18	11	8 gal.	7.95
AC 10	10	20	12	10 gal.	8.95
AC 11	8	24	12	10 gal.	11.50
AC 12	8	24	14	12 gal.	13.00
AC 13	10	20	14	12 gal.	11.50
AC 15	12	24	12	15 gal.	12.25
AC 17	12	24	14	17 gal.	16.50
AC 20	12	24	16	20 gal.	18.00
AC 21	12	30	12	20 gal.	20.00
AC 23	12	30	14	23 gal.	23.00
AC 26	12	30	16	26 gal.	29.75
AC 29	12	30	18	29 gal.	32.50
AC 30	12	36	16	30 gal.	42.00
AC 34	12	36	18	34 gal.	56.00
AC 50	18	36	18	50 gal.	72.50
AC 75*	12	48	20	50 gal.	104.00

All dimensions on above aquariums are inside measurements.

*AC 75—Frame is angle iron for added rigidity.

Aquariums No. AC 23 through AC 75 are packed in wooden crates for added safety in shipment.

DELUXE STAINLESS STEEL AQUARIUMS

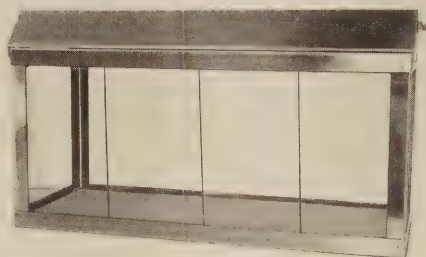
The aquariums listed on this page are representative of the fine craftsmanship employed by the nation's outstanding aquarium manufacturers. We take great pride in all the products we list in our catalog and are especially proud to offer our customers these superior quality aquariums with the META-FRAME and PEMCO labels attached.

ALL AQUARIUM PRICES INCLUDE PACKING CHARGES

No extra charge is made for packaging your aquarium for shipment. All prices listed in this catalog are the same whether you buy your aquarium here at our plant, or have it shipped to you.

HOW YOUR AQUARIUM WILL BE SHIPPED

All aquariums and aquarium stands—are shipped via Railway Express SHIPPING CHARGES COLLECT. This means you pay the expressman for the cost of shipping when your aquarium is delivered to you. Inspect the package immediately on arrival. Should the aquarium arrive broken or damaged get a JOINT INSPECTION BAD ORDER REPORT from your Express Agent or Express Deliveryman. Mail us a copy of this BAD ORDER REPORT—and we will send you another aquarium free of charge. DO NOT RETURN THE BROKEN AQUARIUM TO US—Hold the broken aquarium until replacement is received and you receive written instructions from us or the Railway Express Co.



BETTA DISPLAY TANKS

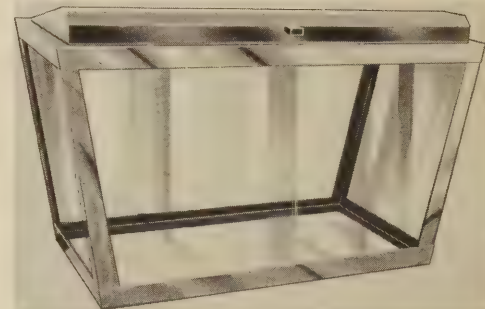
These META-FRAME Betta Tanks are of the same superior type construction and expert craftsmanship that insures years of use. Glass dividers may be removed and Betta Tank can be used on a mantle, window sill or narrow shelf. May be purchased with or without full cover stainless steel reflector hood as illustrated.

BETTA DISPLAY TANKS

AC 104 4 Compartments	
6" W. 18" L. 8" H.	\$8.95
AC 105 5 Compartments	
6" W. 20" L. 8" H.	9.75
AC 106 6 Compartments	
6" W. 24" L. 8" H.	10.50
AC 107 7 Compartments	
7" W. 30" L. 10" H.	17.50

REFLECTOR HOODS

18" Hood.....	\$9.00
20" Hood.....	9.75
24" Hood	10.50
30" Hood.....	14.25

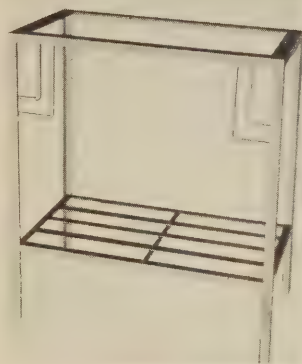


PEMCO FLARED AQUARIUMS

COMPLETE WITH FULL COVER REFLECTOR HOOD

The perfect aquarium for those with a flair for the modern. Both decorative and practical—this newly designed aquarium is the perfect accent to every modern interior. Full Cover Reflector Hood in matching stainless steel features a "rail-guide" to prevent it from falling off, with cut-outs for heaters and air line attachments. Highly polished stainless steel frames with heavy glass bottoms.

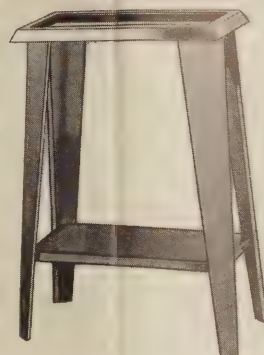
No.	Top Length	Bottom Length	Width	Height	Capacity	Price
PF 8	18¾"	14¼"	9¾"	12¾"	8 gals.	\$26.00
PF 14	25½"	20¼"	10¾"	14¾"	14 gals.	35.00
PF 23	30¾"	24¼"	12¾"	16¾"	23 gals.	51.00



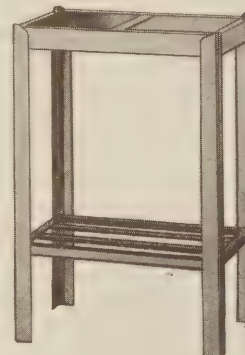
#1 Style Stand



#3 Black Wrought Iron



#4 Modern Stainless Steel



#5 Traditional Stainless Steel



#7 Knock Down

... AQUARIUM STANDS — all stands 30 inches high — shipped via Railway Express.

#1 STYLE STAND

Sturdy Angle Iron construction—attractive silver-gray finish. Bottom shelf will hold tank of next smaller size.

No.	Width	Length	Price
1-5	8	14	\$9.00
1-6	8	16	9.25
1-8	9	18	9.75
1-10	10	20	11.00
1-11	8	24	11.00
1-15	12	24	12.75
1-21	12	30	13.75
1-30	12	36	16.50
1-50	18	36	19.50
1-75	12	48	29.50

#3 BLACK WROUGHT IRON STAND

Modern design and jet black finish—tubular rod iron type legs are graceful yet sturdy enough to give ample support for an aquarium on each shelf. When ordering stands be sure to give correct style number, width and length. All stands fit aquariums with same width and length measurements.

No.	Width	Length	Price
3-10	10	20	\$12.95
3-11	8	24	12.95
3-15	12	24	13.95
3-21	12	30	14.95

#4 MODERN STAINLESS STEEL STAND

Pemco's modern styling of this flared leg, stainless steel aquarium stand puts it in a class all by itself. Highly polished collar finishes off that "decorator touch" to any aquarium. The Flared Modern Stainless Steel Stand is a perfect complement to the Pemco Flared Aquarium or the Copper and Brass Aquariums listed elsewhere.

No.	Width	Length	Price
4-10	10	20	\$39.95
4-15	12	24	42.50
4-21	12	30	50.00

#5 TRADITIONAL STAINLESS STEEL STAND

The sharp clean cut appearance of this all stainless steel stand makes it outstanding among other style stands. The simple lines will blend in with any furnishing. Light in weight, yet sturdy enough to support an aquarium on both shelves with an ample safety margin.

No.	Width	Length	Price
5-10	10	20	\$15.00
5-15	12	24	17.50

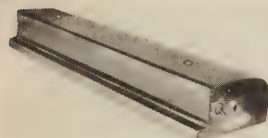
#7 LIGHT WEIGHT KNOCKED DOWN STAND

Shipped unassembled—easily put together with a screw-driver in twenty minutes. Light weight construction permits ease in handling, attractive baked on black finish. Solid shelf top and bottom makes this type stand a good all purpose utility table as well as an attractive aquarium stand.

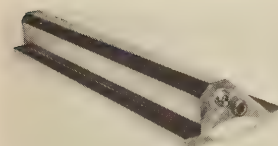
No.	Width	Length	Price
7-5	8	14	\$5.95
7-6	8	16	5.95
7-10	10	20	6.95
7-12	8	24	7.25
7-15	12	24	7.75

STAINLESS STEEL AQUARIUM REFLECTORS

Custom made to fit our META-FRAME Stainless Steel Aquariums these reflectors will provide adequate lighting to grow beautiful aquatic plants in the aquarium they fit. Four styles to choose from—3 with bakelite sockets for incandescent type bulbs—and one with fluorescent type tube. **Note:** Only the No. 5 Fluorescent Reflector is equipped with bulb; all other models order bulb separately.



#2 Round Economy

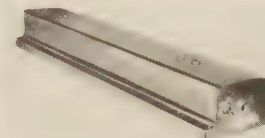


#3 Deluxe

Length
10 inch
12 inch
14 inch
16 inch
18 inch
20 inch
24 inch
30 inch
36 inch
48 inch

ORDER REFLECTOR BY LENGTH TO FIT SAME LENGTH AQUARIUM.

	No. 2 Round Economy SS.	No. 3 Deluxe Stainless	No. 6 Full Cover Hood	No. 5 Fluorescent Stainless Steel
10 inch	\$4.50			
12 inch	4.75			
14 inch	4.95	\$6.25	\$5.95	
16 inch	5.25	6.50	6.85	
18 inch	5.75	7.50		\$13.25
20 inch	6.75	7.75	8.75	13.95
24 inch	7.00	8.25	9.95	14.95
30 inch	8.00	9.00	11.95	15.95
36 inch		12.00	14.75	19.00
48 inch				40.00



#5 Fluorescent



#6 Full Cover

Complete Aquarium Collections

For beginner or expert aquarist, you will find real money saving value in these Complete Collections—all you need to set up and maintain a beautiful aquarium. ALL COMPLETE AQUARIUM COLLECTIONS SHIPPED ONLY VIA RAILWAY EXPRESS CHARGES COLLECT.

5 GALLON AQUARIUM COLLECTION

COL. NO. CA 156—Here is a real "starter package" for everyone. If you haven't had fish before and you want to start out in a modest way we suggest this collection as an adequate beginning. Or if you have other aquariums and you are looking for a "breeding or isolation tank"—this is it. A big value at a low price. Our 5 gallon Stainless Steel Aquarium NO. AC 5 comes to you with 5 pounds JO-JO Aquarium Gravel and a handmade Loveland Gravel Guard. The right amount of plants COL. A 2 with 6 assorted snails. A beginner's book, Water Rite Tablets, a Net, Fish Food, and a bottle of Remedy. All are included in this special low price.

PRICE COMPLETE \$8.45

COL. NO. CA 5—All of CA 156 without the aquarium.

PRICE \$3.75

15 GALLON AQUARIUM COLLECTION

COL. NO. CA 115—A collection suited to either beginner or advanced aquarist at a "money saving" price. Here's what it includes: A 15 gallon Stainless Steel Aquarium No. AC 15 with a beautiful selection of aquatic plants COL. A 5; COL. S 10 Snails and Scavengers to help keep it clean. 25 pounds of JO-JO Aquarium Gravel and a Gravel Guard to set it up and aqua-scape it. And to start you off on the right track we include a book for beginners, a net, Fish Food, Water Rite Tablets, and a Bottle of Remedy.

PRICE COMPLETE \$19.00

COL. NO. CA 15—All the plants, snails, and accessories as listed in COL. CA 115 without the aquarium. PRICE \$6.95

WINDOW SILL AQUARIUM

A small, narrow aquarium designed to fit on a shelf, mantle piece, or window sill. 2½ gallon capacity, this tank is 11" high, 12" long, 5" wide.

AW 4—Aquarium and Reflector \$8.95

AW 4—Aquarium Only 4.25

AW 4—Special Reflector 4.75

AW 4 DELUXE PLANT COLLECTION—(As illustrated) Cork-screw Valisneria, Hygrophila, Ambulia, Cryptocoryne Cordatta, Dwarf Aquarium Lily, Junior Amazon Sword Plant, and Sagittaria Microfolia all for only \$1.95.

COMPLETE WINDOW SILL AQUARIUM COLLECTION—AW 4 Aquarium, Reflector, Bulb, AW 4 Deluxe Plant Collection, Small Water Hut and decorative Rock, Aquarium Gravel—COMPLETE COLLECTION ONLY \$11.95.

10 GALLON AQUARIUM COLLECTION

COL. NO. CA 110—A nice size for anyone—You receive a 10 gallon stainless steel aquarium NO. AC 10, 15 pounds JO-JO Aquarium Gravel and a handmade natural looking Gravel Guard designed especially for this 10 gallon size aquarium. Col. A 4 Aquatic Plants include enough oxygenating and decorative plants to complete a beautiful underwater planting. Col. S 10 Snails provides enough scavengers to help keep it clean and consume excess fish food. Water Rite Tablets, a book, net, Fish Food, and a bottle of Remedy fill out this package.

PRICE COMPLETE \$14.75

COL. NO. CA 10—All of CA 110 without the aquarium.

PRICE \$5.95

DELUXE AQUARIUM COLLECTIONS

DELUXE COLLECTION NO. CA 115—This collection includes all of COL. CA 115 as described above plus a 75 watt heater and Thermostat Combination, 24" No. 2 Stainless Steel Reflector with bulbs, and Collection No. 85 A Air Pump and Filter Collection.

SPECIAL LOW PRICE COMPLETE \$46.00

DELUXE COLLECTION NO. CA 100—This collection consists of the 10 gallon aquarium collection NO. CA 100 as described, plus a 40 watt Combination Heater and Thermostat—a 20" No. 2 Stainless Steel Reflector with bulbs, and Collection No. 85 A Air Pumps and Filter Collection.

SPECIAL LOW PRICE COMPLETE \$37.00

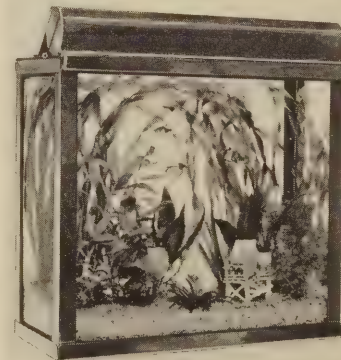
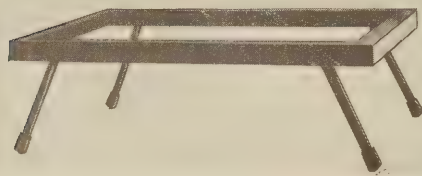


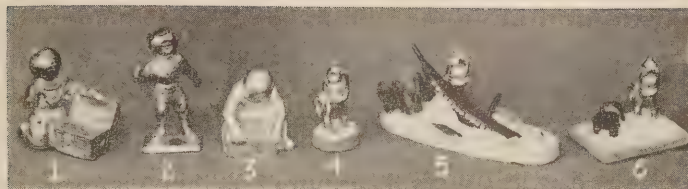
PLEASE NOTE: ALL COMPLETE AQUARIUM COLLECTIONS LISTED ON THIS PAGE ARE SHIPPED ONLY VIA RAILWAY EXPRESS—EXPRESS CHARGES COLLECT.

TABLE TOP STANDS

These Table Top Aquarium stands are 5 inches high, modern in design with rubber tipped, round flared legs, jet black finish to harmonize with most modern decor. Stands are designed to allow air circulation below aquarium to prevent moisture condensation. Rubber tipped legs protect wood finishes. Available in four sizes:

No.	Width	Length	Price
6-8	8"	14"	\$2.50
6-9	9¾"	14¾"	2.75
6-10	10"	20"	3.75
6-15	12"	24"	4.75





ORNAMENTAL DIVER AIR RELEASERS

Realistic and life like, made of pure lead, will not harm fish or plants in your aquarium. These divers are equipped with an attachment for air hose with an air releaser built into the helmet for that realistic effect.

NO. 1 DIVER with OPEN JEWEL CHEST—3½ inches high with removable metal air releaser built in helmet. Each \$2.35

NO. 2 STANDING DIVER WITH STAFF—4½ inches high with removable metal air releaser built in helmet. Each \$2.00

NO. 2A SMALL STANDING DIVER WITH DAGGER—3¼ inches high—with reed air releaser in helmet. (Same as No. 2 but smaller.) Each \$1.15

NO. 3 KNEELING DIVER—3¼ inches high with fine carborundum stone built in helmet. Each \$1.75

NO. 4 SMALL DIVER ON CEMENT BASE—standing diver 3¼ inches high with reed air releaser in helmet. Each \$1.00

NO. 5 DIVER AND SUNKEN SHIP—rocks and cement base—3½ inches high, 8 inches long, diver has reed air releaser in helmet. Each \$2.00

NO. 6 DIVER AND TREASURE CHEST—on cement base, 3½ inches high, diver has reed air releaser in helmet. Each \$1.60



CERAMIC DIVER AIR RELEASERS

Brand new, California made ceramic aquarium ornaments in beautifully colored glaze finish. Complete with plastic air line attachment hose.

NO. 7 SUNKEN SHIP—FILTER AERATOR—A realistic replica of a sunken ship, barnacled with age. Deck is removable to insert glass wool or charcoal. 7½ inches long. Price \$5.75

NO. 8 DEEP SEA DIVER—A life-like figure with outstretched dagger stands 5 inches high in a bed of highly colored coral. Price \$1.25

NO. 9 DIVER AND OCTOPUS—5 inches high in beautiful colors, diver grapples with tentacles of the octopus. Price \$2.75

NO. 10 DIVER AND EEL—Battling the vicious "Moray Eel", ceramic diver stands 5 inches high, with dagger ready to strike. Price \$2.75

NOTE: These ornamental diver air releasers make realistic aquarium ornaments even when used without an air pump. However, they do not release air unless attached to an air pump.

CERAMIC AQUA-DECORS



No. 1

No. 3-4

No. 2

Decorate your aquariums with these meticulously sculptured ceramic ornaments. Stimulate your imagination with their added realism. Soft brown and tan natural rough finish on all pieces.

NO. 1 ROCK LEDGE—7" long, 3½" high with shallow planting pocket on top. Price \$1.50

NO. 2 WATER LOGGED TREE TRUNK—4" high, 8" long, used singly or in groups these Tree Trunks blend beautifully with even the most artistic plantings. Price \$1.75

NO. 3 SHIP HULL—7" long—presents a weather worn replica of an old ship's hull long submerged in the water. Price \$1.25

NO. 4 SMALL SHIP HULL—5½" long. Same as described above for use in smaller aquariums. Price 75c

"PEMCO" BRASS OR COPPER AQUARIUMS

Complete with Full Reflector Hood

For those of you who prefer the very finest—these Copper or Brass Aquariums are the ultimate in quality construction. The perfect accent to your other brass and copper furnishings. Each aquarium comes complete with matching full cover—rail guide hood. Prices include all packing charges.

When Ordering Specify Copper or Brass.

No.	Length	Width	Height	Capacity	Price
P-205	14"	8"	10"	5 gals.	\$17.50
P-210	20"	10"	12"	10 gals.	25.00
P-215	24"	12"	12"	15 gals.	35.00

UPRIGHT WEE AQUARIUMS

Here are two sizes that make wonderful bases for lamps or book ends. Satin smooth stainless steel frame and hood. Height of both AW 2 and AW 3 includes the hood.

AW 3—12¾" high, 8¼" long, 5¼" wide—2 gallon capacity	
AW 3 AQUARIUM AND HOOD	\$7.75
AW 2—10" high, 6¼" long, 4½" wide—1 gallon capacity	
AW 2 AQUARIUM AND HOOD	\$5.95

THE WEE AQUARIUM

Almost a miniature—tiny, yet complete and practical. Stainless Steel Aquarium and Hood. A wonderful gift for someone in the hospital, use it as a TV light atop your television set. A delightful underwater scene can be created in miniature, doubly attractive when colored gravel is used in the bottom.

AW 1—8" long, 4" wide, 6" high—1 gallon capacity.

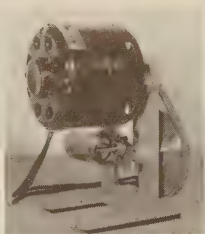
AW 1 AQUARIUM AND HOOD\$5.95



AW 1



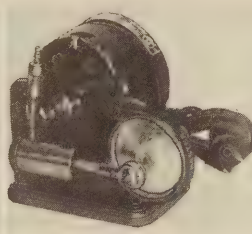
MAGNUS A



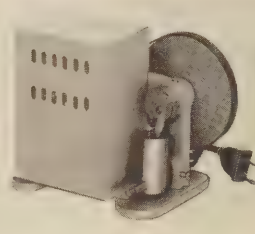
MAGNUS B & C



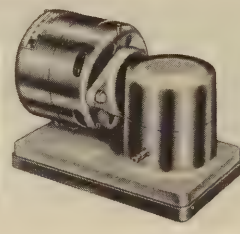
PRESSURE GAUGE



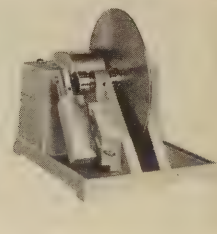
AIR MASTER



HERCULES



NEPTUNE ROTAERATOR



MARCO AIR PUMPS

MAGNUS AIRFLOW PUMP—The mighty midget of aeration. A small powerful pump built to give years of dependable service. Noiseless, self cooling motor operates a "push-pull" type piston that can be regulated to individual aeration requirements. Guaranteed against defects in material and workmanship.

Model A—will operate 3 filters or 3 releasers...Price **\$20.85**

Model B—will operate 6 filters or 6 releasers...Price **28.35**

Model C—will operate 12 filters or 12 releasers Price **38.85**

NOTE: MODEL B AND C COME EQUIPPED WITH PRESSURE GAUGE

PRESSURE GAUGE—A pressure indicator and equalizer. Operates with any type air pump. Visible pressure gauge protects any pump against harmful use. Assures uniformity of air pressure and acts as a dirt trap. Price **\$5.85**.

REPLACEMENT PARTS FOR MARVEL AIRFLOW PUMPS

Extra Leather Belts (specify pump model).....Each **75c**
Extra Cylinder Washers for Models A, B & C.....Each **50c**
Flutter ValvesEach **50c**

Why Aeration & Aquarium Filters?

The most important factor in maintaining an aquarium is "proper balance." This proper balance is sure to be maintained when the water is aerated and filtered by means of mechanical circulation. Both aeration and filtration are dependent on air power for circulation. This air power is furnished by an electrically powered air pump. As the water in your aquarium is passed through an aquarium filter it is cleaned, all impurities and dirt are removed, and freshly aerated water is returned to the aquarium. This means that your aquarium will remain crystal clear; instead of cleaning your whole aquarium, only the filter tank needs cleaning. The fish in your aquarium will be healthier and more colorful, they will live longer, grow larger, and breed more prolifically. Depending on the size of the pump, more than one aquarium can be filtered and aerated with a single air pump. Connections are made with plastic tubing, and special valves for the air outlets.

SUPREME AIR MASTER AIR PUMP—Single cylinder piston type air pump, compact and lightweight, dependable and powerful in operation. Overall length 6 inches—height 4 inches. Operates 110 Volt AC current, requires oiling every two months. Moving piston parts should be oiled more often under continuous operation. Will supply air enough for 4 to 6 outlets. Workmanship and materials guaranteed for one year. All parts replaceable. Price **\$21.00**.

REPLACEMENT PARTS FOR SUPREME AIRMASTER PUMPS

Heavy Duty BeltPrice **75c**
Compression RingPrice **25c**
Check ValvePrice **75c**
Bearing Piston RodPrice **25c**

SUPREME PRESSURE REGULATOR GAUGE AND TANK—Precision type pressure indicator with "thumb-screw" regulator. Glass storage tank acts as air reservoir, dirt and oil trap. The use of a pressure gauge and tank will increase the efficiency of any pump. Price **\$3.95**.

GLO-LITE HERCULES AERATOR—A lower priced single cylinder, piston pump that is amazingly powerful and trouble free. Engineered for long life, motor cannot overheat and requires no oiling. Thoroughly tested and guaranteed to be free from mechanical defects. Operates 110 Volt AC current. Sufficient air output for 4 to 6 outlets. Overall size 5½ inches long, 5 inches high. Heavy cast frame and fly wheel. Price **\$15.00**.

REPLACEMENT PARTS FOR HERCULES AIR PUMP

Leather Compression Discs3 sets **50c**
Non-slip BeltsPrice **75c**

AIR LINE CONNECTIONS AND FITTINGS



580 AIR VALVE—One outlet—½" Threaded.....each **\$1.00**
581 THREE WAY AIR VALVE—Brass.....each **.75**
582 TWO WAY AIR VALVE—Right or left, brass each **.75**
583 BRASS Xeach **.35**
584 BRASS Teach **.25**
585 BROWN AIR STONES—Cylindrical shape.....each **.35**
585 A WHITE AIR STONES—Rectangular shape.....each **.25**

NEPTUNE ROTAERATOR—The Rotaerator has sufficient air output to supply 4 filters or 6 air releasers—self starting—built in air filter—brushless motor—requires oiling only every three months—operates on 110-120 Volt A. C. Current. Guaranteed by Manufacturer for 1 year. Dimensions 5¾" in length, 4¼" in height, 3½" in width. Price **\$22.50**.

KING SIZE NEPTUNE ROTAERATOR—The most powerful air pump now on the market at any price, 1/70 H.P.—225 cubic inch capacity. Operates on 110-120 volt AC current. Guaranteed by manufacturer for 1 year. Dimensions 5¼ inches in length, 4¼ inches in height, 3½ inches in width. Price **\$32.00**.

MARCO AIR PUMPS—Marco pumps are especially designed for use in the home aquarium. Reliable, economical, noiseless and trouble-free. A well built, sturdy piston type air pump that will give years of service under continuous operation.

Model A—for 3 releasersPrice **\$27.50**
Model B—for 6 releasersPrice **33.00**
Model B2—for 12 releasersPrice **38.50**

WIL-NES AIR STONES AND EXTENSIONS—Highly porous brown air stones with precision moulded rigid plastic stem extensions. May be used with any type air pump.

#308—Cylinder Air Stone—35c each.
#309—Small Ball Air Releaser—35c each.
#310—Large Ball Air Releaser on 14" Curved Stem—75c each.
#311—Pyramid Air Releaser on 14" Curved Stem—50c each.
#312—14" J-Curved Stem Extension—20c each.
#313—12" Straight Stem Extension—15c each.

587 METAL CLAMPS FOR AIR LINEeach **.35**

588 METAL AIR RELEASEReach **.35**

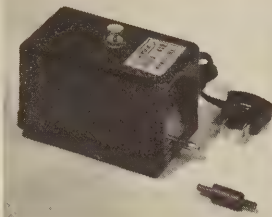
589 HEAVY DUTY PLASTIC AIRLINE TUBING—Will not rot, crimp, or kink—10c per foot; 25 feet for **\$2.25**.

590 LIGHT WEIGHT PLASTIC AIRLINE TUBING—A lighter tubing to connect filters and fittings to air pump. 7c per foot; 25 feet for **\$1.50**.

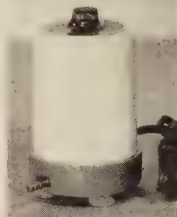
591 24-INCH PLASTIC EXTENSION STEM TO FIT AIR STONES**25c**



SAXON



SUPER AQUA-AIR



THIBERG



NEPTUNE VIBRATOR



MINX



WHITE MIST

AIR PUMPS

SAXON AIR PUMP—As powerful as it is small—only 3½" long x 2½" wide x 2" high, beautiful molded black and ivory bakelite case. Will operate with ease, one filter and four air stones. Electrical consumption—2 watts 110-120 volts A.C. Control knob on top permits regulation of air flow, economical, dependable aeration at an exceptionally low price. Price **\$8.95**.

One year written guarantee.

SUPER AQUA-AIR—The most powerful vibrator type air pump in its price range today. 4 watts—for 110 Volt AC current only. Black molded plastic case 3½" long, 2½" wide, 2" high. Aqua-Anti-Siphon included with pump prevents water flowing back into pump mechanism. Guaranteed for one year. Price **\$8.95**.

AQUA-ANTI-SIPHON—Can be used on any type pump—a safety valve that prevents water from being siphoned through airline into pump when pump is not operating and located below water level of aquarium. Price **75c**.

COMPLETE AIR PUMP AND FILTER COLLECTION NO. 85 D

Here is an outstanding value at a packaged price! Complete in every respect—all you need to filter and aerate one or more aquariums. Included in this collection as follows:

SAXON AIR PUMP*
PUMP HANGER
SAXON DELUXE OUTSIDE FILTER
CHARCOAL AND GLASS WOOL
2 AIR LINE ADJUSTMENT VALVES
4 FOOT PLASTIC AIR LINE
AIR STONE RELEASER

*SUPER AQUA-AIR PUMP can be substituted for Saxon.

SPECIAL COLLECTION PRICE

Only \$15.00

With Directions for Complete Assembly

THIBERG AIR PUMP—A small compact air pump in an attractive ivory colored case. Powerful enough to operate a filter and one air releaser simultaneously, economical operation—guaranteed for one year. Simple to operate, requires no oil, control knob on top of pump regulates amount of air. 4½ inches high, 3 inches in diameter at base. Price **\$10.00**.

NEPTUNE VIBRATOR (Bach) AIR PUMP—Square black plastic case—2¼" by 4 inches high, control knob to regulate air flow on top. No oiling required, simple, trouble free aeration, guaranteed for one year. Price **\$9.50**.

AIR-LIFE DC CURRENT PUMP—Same Aqua-Air Pump as described made to operate on DC Current. Can be plugged into cigarette lighter well on any automobile or wired to 6 volt battery. Comes complete with famous Aqua-Anti-Siphon, plastic airline, lead weight, and porous air releaser. Here is a pump that can be used to more safely transport fish or bait. Price **\$13.50**.

AQUA-SERVICE KIT—A complete packaged kit containing all pneumatic parts and easy to follow directions for repairing Aqua-Air Pumps. Price **75c**.

SAXON PUMP HANGER—(As illustrated—Pump, valves, air line NOT INCLUDED). Made from light weight, rust proof aluminum, Saxon pump hanger will accommodate most vibrator type air pumps. Rubber sponge pads eliminate noise and vibration. Complete with screws for mounting valves. Price **\$1.00**.

STAINLESS STEEL PUMP HANGER—(Not illustrated). Sturdy, yet light weight, highly polished, stainless steel pump hanger—5½ inches long, 3½ inches wide. Fits tanks up to ½ inch top frame, rubber bumpers on back to reduce vibration and noises. Price **\$1.00**.

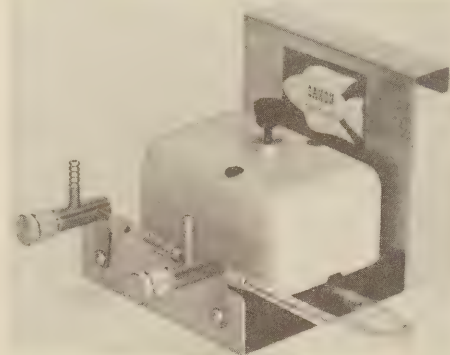
HEAVY DUTY STAINLESS STEEL PUMP HANGER—(Not illustrated). Heavier metal and wider top frame permits use with almost any pump and can be used on any aquarium frame up to ¾". Adjustment screw bumper regulates size. Price **\$1.25**.

MINX AERATOR—(Made in England)—Here is a low priced air pump that will supply enough air for one aquarium. Small in both size and price, 2" high, 3½" long, 1½" wide. Adjustment knob on top. One year guarantee, replacement and repairs available in U.S. Price **\$5.95**.

WHITE MIST AIR PUMP—MODEL NO. 20—Beautifully finished in a decorative two tone carved wood case 6½ inches long, 3½ inches wide, 4 inches high. Noiseless, smooth operating and powerful, this pump will operate a filter and air releaser. Requires no oiling, guaranteed for one year by the manufacturer. Price **\$14.50**.

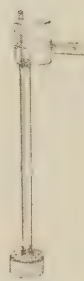
WHITE MIST AIR PUMP—MODEL NO. 50—A larger capacity air pump in the same small decorative wood case. Used for years by research laboratories, Army, Navy, schools, hospitals. Guaranteed for one year—enough air for three to six outlets. Price **\$17.50**.

REPAIR KIT—For ROTAERATOR or KING SIZE ROTAERATOR as described on page 16. Kit includes rubber diaphragm, brass screen, and washer, with complete, easy to follow directions for replacing diaphragm inside this type pump. Price **\$1.75**.

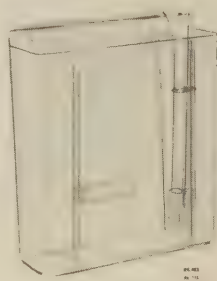




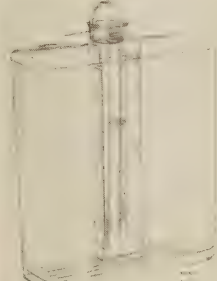
Wil-Nes #102 EF



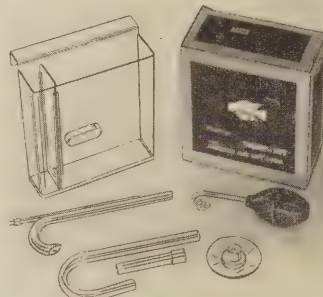
#130



Wil-Nes #116



Wil-Nes #115



Saxon Deluxe



Slim Jim Jr.

OUTSIDE FILTERS

"Outside Filters", so-called because the filter box hangs on the outside of the aquarium are generally considered superior to "Inside Filters." Their superiority lies in the filtering principle involved. An outside filter removes the water via the siphon tube from the aquarium, cleans and purifies it through the glass wool and charcoal and returns it, splashing it on the surface of the water to further aerate it by means of the air-lift attached to an air pump. The distance the water travels, plus the greater filtering surface and larger quantity of charcoal it passes through, means better filtration versus a smaller inside filter.

WIL-NES OUTSIDE AQUARIUM FILTERS

553—WIL-NES #102 EF—Molded plastic filter box 7" long, 6" high, 2" wide with two removable partitions for charcoal and glass wool. Even-flo air lift stem, siphon stem, with right angle extension and strainer, rubber ball starter. Fast efficient filtering action, easy to clean, inconspicuous on the back side of an aquarium. Price \$3.75

WIL-NES #116 ECONOMY OUTSIDE FILTER—Precision molded plastic filter box—quality plus, with the accent on economy. Removable partition fits in grooved tracks inside filter box on either side permitting either right or left hand placement on the aquarium. Complete siphon stem with extension, strainer, and ball starter. Standard air lift stem may be completely taken apart for easy efficient cleaning. Price \$2.50

WIL-NES #115 CCT OUTSIDE FILTER—Equipped with a center chamber, for faster, cleaner filtering action. Evenflo Airlift Stem is located in center chamber of filter box. Removable charcoal platform located at bottom gives full 6" depth to filter mediums. This is one of the newer and more outstanding filters on the market today. Price \$3.50

WIL-NES #111 JET FLO FILTER—(Not Illustrated)—Amazingly fast filter action on even the largest aquarium. Molded plastic filter box, same as in #102 filter provides large filtering surface, extra long air lift and 3/8" tubing moves water rapidly from filter to aquarium. Complete with siphon,

extensions, strainer, and ball starter this type filter is particularly recommended for aquariums over 15 gal. capacity. Price \$4.75

WIL-NES #114 LITTLE JET FILTER—Same rapid filter flo action as in larger #111 Jet Flo—smaller box and shorter airlift tube make this filter practical on all smaller tanks up to 15 gal. capacity. Price \$3.75

REPLACEMENT STEMS FOR WIL-NES FILTERS

These separate stems may be used interchangeably on Wil-Nes or any other type outside filter.

WIL-NES #130 "TAKE APART" EVEN-FLO AIR LIFT STEM—Designed with rounded even-flo spout top—can be completely broken down to facilitate cleaning. Price \$1.00

WIL-NES #131 "TAKE APART" STANDARD AIR LIFT STEM—Can be completely dis-assembled for quick easy cleaning; fits any filter. Price 75c

WIL-NES #135 ROUND BALL STRAINER—For inside or outside filter stems. Price 15c

WIL-NES #132-3 SIPHON TUBE—"L" EXTENSION AND CONNECTOR. Price 75c

WIL-NES #134 RUBBER BALL STARTER. Price 45c
AIRLIFT FOR WIL-NES JET FILTERS. Price \$1.25

HEAVY DUTY SIPHON STEM FOR JET FILTERS. Price \$1.00

SAXON DELUXE OUTSIDE FILTER—The "TRAPZIT" Siphon Stem Strainer is a feature that makes this molded plastic filter outstanding. Trapzit strainer permits entry of suspended matter to enter the siphon tube, yet will not allow baby fish to be sucked up into the filter. New reinforced airlift moves quantity of water swiftly, removable partition in filter box for easy cleaning. Complete with rubber ball starter. Price \$2.95

554—AQUA-PLASTIC NARROW OUTSIDE FILTER—(Not Illustrated)—6 inches high, 5 inches wide, 2 inches deep—Here is an inexpensive outside filter that is complete with airlift, siphon tubes, rubber ball starter and also charcoal and glass wool. Price Complete \$3.50

555—GRO-WELL #101 SLIM JIM JR. OUTSIDE FILTER—Here is the "original" slim molded outside filter. One piece construction for durability, removable partition for easy cleaning. Designed to fit narrow spaces, 1 3/4 inches wide, 5 1/2 inches long, 6 inches high. Complete with charcoal and glass wool—recommended for tanks up to 15 gal. capacity. Price Complete \$3.95

REPLACEMENT STEMS FOR OUTSIDE FILTERS

560—FILTER STEM SET—8" Airlift—for filters 8" deep. Siphon Stem and strainer. Per Set \$1.50

560 A—8" AIR LIFT STEM—only 75c. **560 B—SIPHON STEM AND STRAINER—only 75c.**

561—FILTER STEM SET—6" Airlift—for filters 6" deep (This is most popular size). Siphon Stem with strainer. Per Set \$1.50

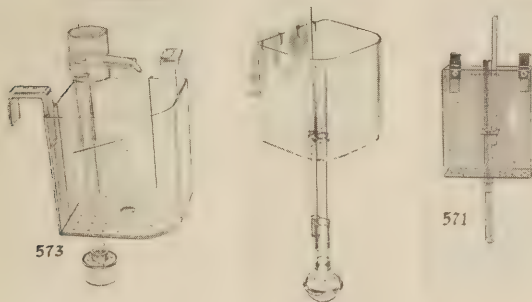
561 A—6" AIRLIFT STEM—only 75c. **561 B—SIPHON STEM AND STRAINER—only 75c.**

566—12" SIPHON TUBE EXTENSION STEM—25c.

567—12" long "L" EXTENSION TUBE—35c.

SCATTERGOOD #61 HEAVY DUTY OUTSIDE FILTER

Sensational Heavy Duty Airlift delivers a 1/2" stream of filtered water at the rate of 80 gallons per hour. Extra large Filter Tank measures 8 3/4"x6 1/4"x3" deep. Two piece Reversstart Siphon measures 25" overall can be cut to fit any depth tank. Airlift measures 40" overall—also available in 22" length which moves 45 gallons per hour. This amazing Heavy Duty Filter clears cloudy water quickly; fine for salt water aquariums. Complete with large rubber bulb starter, backwashing attachment and directions. \$37.95.



Wil-Nes #101 EF

Wil-Nes #107

Aqua-Plastic

INSIDE FILTERS

Inside aquarium filters are those which are suspended inside the aquarium or placed on the bottom or buried in the gravel at the bottom of the aquarium. Inside filters are recommended in small aquariums (less than 15 gallon capacity) or where space does not permit the use of an outside filter.

573—WIL-NES #101 EF CORNER FILTER—One piece molded plastic filter box $3\frac{1}{2}$ inches square—complete with unique Everdifo Airlift Stem and strainer. Price \$2.00

WIL-NES #107 JR. INSIDE FILTER—One piece molded plastic filter box 3 inches square, $3\frac{1}{4}$ inches deep. Airlift tube can be completely disassembled for easy cleaning, metal hangers and round ball strainer. Price \$1.50

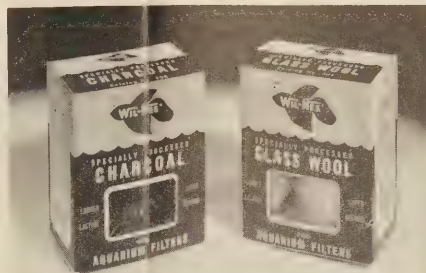
571—AQUA-PLASTIC NARROW INSIDE FILTER—2 inches wide, 3 inches long, 4 inches deep—a small compact inside filter with metal hangers attached, an ideal filter for small aquariums. Price \$1.50

BOTTOM FILTERS

WIL-NES #105 "ALL D" BOTTOM FILTER-AERATOR—Molded crystal clear plastic filter designed for efficient, inconspicuous filtering and aerating of aquariums. Sloped surface with angled vents increases filtering surface area and water intake. Detachable tray provides easy rinsing of charcoal and cleaning of filter. Triangular shape fits in any corner, can be 80% buried in gravel and still operate at top efficiency. Price \$2.00

WIL-NES #108 JR. BOTTOM FILTER—Small in size—3 inches square—moves water at amazingly fast speed—combined filter-aeration action. Can be completely taken apart for easy cleaning. Price \$1.25

TREASURE CHEST FILTER AERATOR—(Not Illustrated)—Here is a completely new idea in aquarium filters; combines ornamentation with practicability and as well provides an unusual effect with streams of bubbles surfacing from the sunken Treasure Chest at the bottom of your aquarium. Molded plastic treasure chest with hinged lid—measures 4 inches long, 3 inches high and 3 inches wide. Price \$1.75



Wil-Nes Charcoal & Glass Wool

FILTER CHARCOAL

JO-JO FILTER CHARCOAL—1-Lb. Bags—Pure animal bone charcoal, specially processed to give you the finest filtering agent available for inside or outside filters. Per Pound 45c.

WIL-NES #300 FILTER CHARCOAL—Per Package 45c.

GLASS WOOL FOR FILTERS

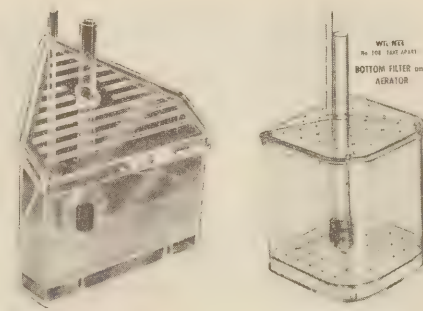
WIL-NES #301 SUPER REFINED SPUN GLASS WOOL—Soft, spun glass fibers that collect even the smallest particles of waste in aquarium filters. Glass wool should be used on top of charcoal in all filters and should be frequently changed to keep charcoal activated and prevent clogging. Per Package—1 Ounce 25c

JO-JO POUND PACKAGE GLASS WOOL—Finest quality, soft, spun glass fibers—buy in bulk and save. Price Per Pound \$1.95

WESTCHESTER FIBRE-GLASS FILTER PADS—Four pads 6 inches square in package; pad can be cut in shape to fit filter. These pads allow use of more charcoal in smaller filters. Per Package 25c

FRENCH "INVISIBLE" FILTER-AERATOR—A brand new principle in aquarium filters. This new type filter should be "buried" in the gravel in your aquarium; as the air is forced through the tube it creates a suction pulling the water and dirt through the gravel and actually destroys harmful bacteria found in the dirt and refuse. Never needs cleaning—uses no charcoal or glass wool, operates in any water depth.

5" size for aquariums 2 to 5 gallons Price \$2.25
7" size for aquariums 5 to 8 gallons Price 2.50
9" size for aquariums 10 to 15 gallons Price 2.75
11" size for aquariums 15 to 25 gallons Price 3.00
14" size for aquariums 25 to 50 gallons Price 3.50



Wil-Nes #105

Wil-Nes #108

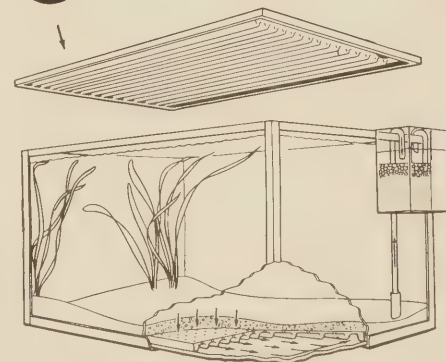
ALJO FILTRATION BOOSTER

The Aljo Booster is not a filter in itself—it is a plate of plastic which fits on the bottom of the aquarium, underneath the gravel. The underside of this plate is ribbed and filled with a series of holes to allow the water as it passes through the gravel to seep underneath the booster plate and be removed via the connecting siphon tube either manually or to an aquarium filter. Use of this Filtration Booster keeps aquarium gravel clean at all times and free from water fouling debris and decaying matter.

Size	Dimensions	Price
ALJO 5 gal.	$7\frac{1}{2}$ x 13"	\$3.25
ALJO 10 gal. R	$9\frac{1}{2}$ x 19"	3.95
ALJO 10 gal. L	$7\frac{1}{2}$ x 23"	3.95
ALJO 15 gal.	$11\frac{1}{2}$ x 23"	4.95
ALJO 20 gal.	$11\frac{1}{2}$ x 29"	5.95



FILTRATION BOOSTER

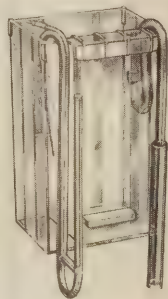


SCATTERGOOD FILTERKING OUTSIDE FILTERS

The Scattergood Filtering Outside Filter is available in 12 different stem combinations. Each of the 3 types of air lifts is available with any of the four types of siphons, the No. 32 or No. 32 A Deluxe Filter Tank is provided with each. Rubber bulb starter included with all except No. 24 and No. 24 A Deluxe.

Scattergood Filters embody a unique scientific principal in the Superflo Airlift which enables the aquarist to move a large volume of water with a minimum of air pressure. Filtering Outside Filters are especially recommended on aquariums of 15 gallons and larger.

All Filtering Filter Models come with complete directions for operation and cleaning.



COMPLETE FILTERKING OUTSIDE FILTERS WITH REGULAR AIR LIFT

NO. 24—FILTERKING with REGULAR SF AIRLIFT (33) and SF SELF-STARTING SIPHON (34)—\$5.95.

NO. 25—FILTERKING with REGULAR SF AIRLIFT (33) and REVERSTART SIPHON (Non-Adjusting) (35)—\$6.45.

NO. 26—FILTERKING with REGULAR SF AIRLIFT (33) and 16" SELF-ADJUSTING REVERSTART SIPHON (36)—\$7.55

NO. 27—FILTERKING with REGULAR AIRLIFT (33) and 24" SELF-ADJUSTING SIPHON (37)—\$7.75.

COMPLETE FILTERKING OUTSIDE FILTERS WITH #7 SUPERFLO AIRLIFT

NO. 28—FILTERKING with SUPERFLO AIRLIFT (7) and SF SELF-STARTING SIPHON (34)—\$6.60.

NO. 29—FILTERKING with SUPERFLO AIRLIFT (7) and REVERSTART SIPHON (35) (Non-adjusting)—\$6.80.

NO. 30—FILTERKING with SUPERFLO AIRLIFT (7) and 16" SELF-ADJUSTING REVERSTART SIPHON (36)—\$7.95.

NO. 31—FILTERKING with SUPERFLO AIRLIFT (7) and 24" SELF-ADJUSTING SIPHON (37)—\$8.10.

COMPLETE FILTERKING OUTSIDE FILTERS WITH #62 HEAVY DUTY AIRLIFT

NO. 54—FILTERKING with HEAVY DUTY SUPERFLO AIRLIFT (62) and SF SELF-STARTING SIPHON (34)—\$6.95.

NO. 55—FILTERKING with HEAVY DUTY SUPERFLO AIRLIFT (62) and REVERSTART SIPHON (35) (Non-adjusting)—\$7.20.

NO. 56—FILTERKING with HEAVY DUTY SUPERFLO AIRLIFT (62) and 16" SELF-ADJUSTING REVERSTART SIPHON (36)—\$8.35.

NO. 57—FILTERKING with HEAVY DUTY SUPERFLO AIRLIFT (62) and 24" SELF-ADJUSTING REVERSTART SIPHON (37)—\$8.50.

COMPLETE FILTERKING DELUXE OUTSIDE FILTERS WITH REGULAR AIRLIFT

NOTE: All Deluxe Models have Back Washing Attachment.

NO. 24 A—FILTERKING DELUXE TANK with No. 33 SF AIRLIFT and No. 34 SF SELF-STARTING SIPHON—\$6.50.

NO. 25 A—FILTERKING DELUXE TANK with No. 33 SF AIRLIFT and No. 35 REVERSTART SIPHON—\$6.95.

NO. 26 A—FILTERKING DELUXE TANK with No. 33 SF AIRLIFT and No. 36 16" REVERSTART SELF-ADJUSTING SIPHON—\$8.05.

NO. 27 A—FILTERKING DELUXE TANK with No. 33 SF AIRLIFT and No. 37 24" REVERSTART SELF-ADJUSTING SIPHON—\$8.25.

COMPLETE FILTERKING DELUXE OUTSIDE FILTERS WITH #7 SUPERFLO AIRLIFT

NO. 28 A—FILTERKING DELUXE TANK with No. 7 SUPERFLO AIRLIFT and No. 34 SF SELF-STARTING SIPHON—\$7.10.

NO. 29 A—FILTERKING DELUXE TANK with No. 7 SUPERFLO AIRLIFT and No. 35 REVERSTART SIPHON—\$7.30.

NO. 30 A—FILTERKING DELUXE TANK with No. 7 SUPERFLO AIRLIFT and No. 36—16" REVERSTART SELF-ADJUSTING SIPHON—\$8.50.

NO. 31 A—FILTERKING DELUXE TANK with No. 7 SUPERFLO AIRLIFT and No. 37—24" REVERSTART SELF-ADJUSTING SIPHON—\$8.60.

COMPLETE FILTERKING DELUXE OUTSIDE FILTERS WITH #62 HEAVY DUTY SUPERFLO AIRLIFT

NO. 54 A—FILTERKING DELUXE TANK with No. 62 HEAVY DUTY SUPERFLO AIRLIFT and No. 34 SF SELF-STARTING SIPHON—\$7.50.

NO. 55 A—FILTERKING DELUXE TANK with No. 62 HEAVY DUTY SUPERFLO AIRLIFT and No. 35 REVERSTART SIPHON—\$7.70.

NO. 56 A—FILTERKING DELUXE TANK with No. 62 HEAVY DUTY SUPERFLO AIRLIFT and No. 36—16" REVERSTART SELF-ADJUSTING SIPHON—\$8.85.

NO. 57 A—FILTERKING DELUXE TANK with No. 62 HEAVY DUTY SUPERFLO AIRLIFT and No. 37—24" REVERSTART SELF-ADJUSTING SIPHON—\$8.95.

SEPARATE SCATTERGOOD STEMS

NO. 7 SUPERFLO AIRLIFT—The most efficient airlift made—uses only 1/6 the air of others, yet filters more water. Fits any outside filter. \$2.00 each.

NO. 33 SF AIRLIFT—An improved conventional type airlift—Fits any 8" Outside Filter. 99c each.

NO. 34 SF SELF-STARTING SIPHON—Starts instantly without using rubber bulb. 75c each.

NO. 35 REVERSTART (Non-adjusting) SIPHON—Simpler, easier, starting, less likely to clog. 85c each.

NO. 36 16" SELF-ADJUSTING SIPHON—Adjustable to a maximum depth of 16"—right angle extension increases the water circulation. \$2.25 each.

NO. 37 24" SELF-ADJUSTING SIPHON—Adjustable to a maximum depth of 24"—\$2.50 each.

NO. 595 RUBBER BULB STARTER—Price 40c.

NO. 62—HEAVY DUTY SUPERFLO AIRLIFT—(Not Illustrated) 22" long, this amazing new type airlift will move the water in your aquarium at the rate of 15 gallons per hour. \$2.30 each.

NO. 32—FILTERKING MOLDED PLASTIC FILTER TANK—5" x 3 3/4" x 7 3/4". Specially designed for "Exclusive Filter Heating", made of heat resisting Polystyrene. No seams, can't leak. \$4.50.

NO. 32 A—FILTERKING DELUXE MOLDED PLASTIC FILTER TANK—WITH BACK WASHING ATTACHMENT—Full bottom strainer gives 25% more efficient filtering surface. Back-washing attachment permits cleaning of charcoal without removing it. \$4.95.

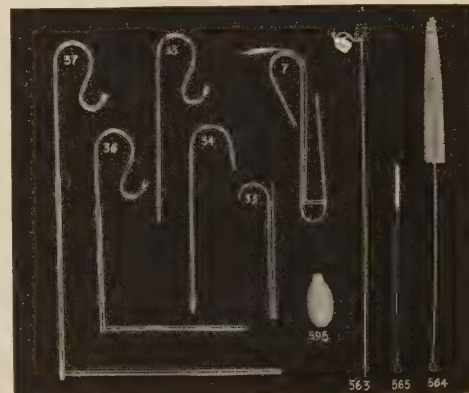
FILTER STEM CLEANING BRUSHES

NO. 563 SCACO FLEXIBRUSH—Cleans filter stems thoroughly and easily. Nylon brush mounted on 18" stainless steel spring. 65c.

NO. 565 AIR RETURN STEM CLEANING BRUSH—Specially designed to fit into small stems—25c each.

NO. 564 RIGID FILTER STEM BRUSH—A good all purpose filter stem cleaning brush—50c each.

COMPLETE FILTER STEM CLEANING BRUSH SET—All three of above listed brushes—\$1.25.





Books

EXOTIC AQUARIUM FISHES by William T. Innes. This new 500 page book with color plates and black and white illustrations is one that everyone interested in aquarium fishes should own. Maps showing world distribution. Pages devoted to Plants, diseases, enemies, scavengers, etc. New edition. Price \$7.50

AQUARIUM HIGHLIGHTS—by Wm. T. Innes. Over 500 pages of the best in entertaining and informative articles about "Things Aquatic." A compilation of the best articles published in the Aquarium Magazine. Many illustrations—a source of detailed information—well written and complete. Price \$5.50

TROPICAL FISH AS A HOBBY by Herbert R. Axelrod. A guide to care, selection, and breeding of Tropical Fish. This brand new book is very well illustrated and easily read. Interesting and informative. Price \$4.00

1001 QUESTIONS AND ANSWERS by Mellen and Lanier—Here is a complete and informative book in concise question and answer form about tropical fish. Complete and well illustrated. Price \$7.75

THE TROPICAL FISH HOBBY—Walter Rogers, a new 154 page book about the hobby. Well illustrated, entertainingly written, and informative. Illustrates and describes many of the latest imported species of fish. Price \$2.00

ALL ABOUT GUPPIES by Leon F. Whitney, D.V.M.—116 pages, profusely illustrated, 3 pages with exquisite life size, full color drawings of male and female guppies. This book does what its name implies—it tells you "all about Guppies." The information given are the secrets of the experts. Price \$1.50

YOUR AQUARIUM by William T. Innes—This attractively illustrated booklet is practically a must for beginners. 32 pages packed with practical information on aquarium management and care of fish. Price 30c

TROPICAL FISH—by Lucille Mann—a very interesting little book. Complete descriptions of fish and other important information. 110 pages complete with illustrations. Price 75c

THE TROPICAL FISH BOOK, by Rutheven Todd—144 pages inside a beautifully illustrated full color cover showing some of the more popular varieties of Tropical Fish. Completely illustrated with literally hundreds of pictures and photographs this book is an outstanding source of information to the aquarist. Explanations are clear and concise. Price 75c

AQUARIUM PLANTS—by Herbert R. Axelrod—This 34 page booklet fills a long standing need for a guide to the selection, identification, care and propagation of aquarium plants. Over 25 actual photographs illustrate plants that are well suited for every aquarium. The author describes in detail the purpose and use of different types and individual care. Price 25c

TROPICAL FISH AS PETS—by Herbert R. Axelrod—Another 34 page booklet with colorful cover. A booklet for beginners, an up-to-date guide to the selection, care, and breeding of Tropical Fish. It has an excellent chart on diseases and their cure, complete instructions to properly set-up an aquarium, information in detail on habits and breeding of many varieties and many other bits of knowledge that are of interest to every hobbyist. Price 25c

GOLDFISH VARIETIES AND WATER GARDENS—by Wm. T. Innes. Thoroughly covers care and breeding of Goldfish and many native fishes; growing and raising of Water Lilies and Water Garden Plants; pool construction and care. 500 pages, beautifully illustrated. Price \$5.50

GOLDFISH HANDBOOK—A small but very interesting book. About the popular variety of fish. Price 25c

ENJOY YOUR GOLDFISH by Douglas V. Putnam—A practical guide to the care of your goldfish. Feeding, ailments, plant life, accessories. Goldfish as decoration. How to build an outdoor fish pool. Price 45c

GOLDFISH AS PETS—Axelrod—The latest and most modern booklet illustrating and describing every known variety of Goldfish. Excellent reading material with beautiful pictures throughout. Price 25c

PET TURTLES—Julien L. Bronson. Profusely illustrated, 24 pages full of authoritative information on the care of turtles in captivity. Price 30c



SCAVENGERS...for the Aquarium and Pool

Be sure you have some of these scavengers in your aquarium. Snails are always interesting to watch and are of real value because they help to keep the aquarium clean. Snails consume much of the excess food and debris from decaying plant leaves; they also feed on Algae. Like any other scavenger, they cannot be expected to keep the water clear or to remove all the debris that accumulates on the bottom. Snails do not attack live fish, but they do provide an additional service in that they feed on the carcass of dead fish which prevents the dead fish from "souring" the aquarium water.

MYSTERY SNAILS (*Ampullaris Cuprina*)—This four-horned snail derives its name from the mysterious fashion in which it lays eggs outside the water in which they live. 200 to 300 eggs are deposited on the surface above the water line. A very useful as well as interesting scavenger; a good infusoria producer. MEDIUM SIZE 2 for 25c — 12 for \$1.00. LARGE BREEDERS—75c per pair.

MYSTERY SNAIL EGGS—Easy to hatch, snail eggs are shipped to you complete with directions, 200 to 300 eggs in nest. PRICE \$1.00.

JAPANESE SNAILS (*Viviparis Mallaetus*) "Trap Door Snail"—this live bearing snail originally from Japan is well suited to cold water tanks and outdoor pools. Hardy and prolific these snails make excellent scavengers. EXTRA LARGE 50c pair. ASSORTED SIZES 25c pair—12 for \$1.00.

RED RAMSHORN SNAILS (*Planorbis Corneus*)—An active worker, small, bright red in color. Lays eggs in gelatin like mass. BREEDING SIZE 2 for 25c.

BLACK RAMSHORN SNAILS (*Planorbis*)—Another hardy snail that is an excellent scavenger for outdoor pools and goldfish tanks. 3 for 25c — 6 for 50c.

PHILIPPINE SNAILS—Pigmy live bearing snail—small dark brown in color, "Horn of Plenty" shaped. This tiny snail is a worthwhile addition to any tank, they burrow in the gravel and consume food and refuse below the surface. Very prolific breeders. 4 for 25c — 50c dozen.

FRESH WATER MUSSELS—These fresh water clams are useful in aquariums to filter green algae and cloudiness from the aquarium. They remain half buried in the gravel and filter the water through themselves feeding on any suspended matter that may be present in the water. 2 for 25c — 12 for \$1.00.

AMERICAN NEWTS (*Salamanders*)—These interesting little aquatic animals are amphibious; they can be kept with goldfish, in pools or aquariums. 35c each.

BABY TURTLES—Another aquatic novelty; these little fellows make wonderful pets for children and provide them with a sense of responsibility towards living creatures. Interesting to watch they will eat Turtle Food, Ant Eggs, or White Worms. Give them an occasional bit of raw beef and keep them where they get a few hours of sun each day. EACH 75c.

SCAVENGER COLLECTION

COLLECTION NO. S-10

SNAIL COLLECTION. Consists of a selection of five varieties of snails.

All nice, selected specimens.

\$1.25

AUTOMATIC HEATER AND THERMOSTAT COMBINATIONS

A good heater and thermostat is a small expenditure that will more than pay for itself in the fish that didn't die. Since most aquarium fatalities are caused by temperature fluctuations a heater is practically a must. Automatically controlled aquarium heaters are perhaps the greatest benefit ever devised for the Tropical Fish Aquarium.

Because of their ease in handling, accuracy and control, we recommend the use of an automatic heater and thermostat combination in every aquarium. Single unit heating allows you to regulate the temperature in the individual aquarium without affecting other tanks.

All automatic heaters listed on this page are guaranteed for one year by the manufacturer.

WIL-NES #77 TWO-TUBE OUTSIDE ADJUSTMENT AUTOMATIC HEATER

This two-tube unit combines smart good looks with heating efficiency. Control knob, pilot light, hanger, tubes, are all built into attractive plastic housing which also holds TV and radio static eliminator. All parts replaceable.



77 A—8" Tube—25 watt	\$5.75
77 B—8" Tube—50 watt	5.75
77 C—8" Tube—75 watt	5.75
77 D—8" Tube—100 watt	5.75
77 E—10" Tube—75 watt	6.00
77 F—10" Tube—100 watt	6.00
77 G—12" Tube—100 watt	6.50
77 G—12" Tube—125 watt	6.50

WIL-NES #88 AUTOMATIC HEATER

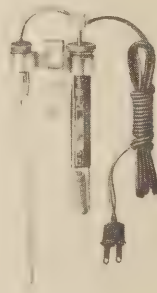
Undoubtedly the finest single tube combination heater and thermostat ever made. Molded plastic housing encases pilot light, outside adjustment control knob, and screw type clamp holder. Ultra-sensitive thermostat. All parts replaceable, "snap-on" parts available.



88 A—8" Tube—25 watt	\$5.75
88 B—8" Tube—50 watt	5.75
88 C—8" Tube—75 watt	5.75
88 D—8" Tube—100 watt	5.75
88 E—10" Tube—75 watt	6.00
88 F—10" Tube—100 watt	6.00
88 G—12" Tube—100 watt	6.50
88 H—12" Tube—125 watt	6.50
88 I—15" Tube—150 watt	7.50

WIL-NES #47 ECONOMY OUTSIDE ADJUSTMENT TWO-TUBE AUTOMATIC HEATER

Here is a two-tube, outside adjustment heater and thermostat combination, with built in pilot light, TV and radio static eliminator at a lower price. Metal clamp holder. Built for long lasting service.



47 A—8" Tube—25 watt	\$4.25
47 B—8" Tube—40 watt	4.25
47 C—8" Tube—75 watt	4.25
47 D—8" Tube—100 watt	4.25

627 GLO-LITE SIMPLEX DELUXE THERMOSTATIC HEATER

Single Pyrex tube holds sensitive thermostat, Everlast heating element, TV, radio static eliminator, and built in pilot light. Inside adjustment screw easily accessible by removing rubber plug stopper at top of tube.



627 A—8" Tube—25 watt	\$5.00
627 B—8" Tube—40 watt	5.00
627 C—10" Tube—75 watt	5.50
627 D—10" Tube—100 watt	5.75
627 E—12" Tube—125 watt	6.00
627 F—12" Tube—150 watt	6.00

625 GLO-LITE "PYREX" THERMOSTATIC HEATER

Here is a good thermostatically controlled two-tube heater and thermostat combination at an exceptionally low price. Laboratory tested for efficient, economical operation. Sensitive thermostat, TV, radio static eliminator in one tube, heater element in the other, held together by non-corrosive clamp hanger.



625 A—7" Tube—25 watt	\$3.95
625 B—7" Tube—40 watt	3.95
625 C—8" Tube—75 watt	4.25
625 D—8" Tube—100 watt	4.75

629 SUPREME THERMOSTATIC HEATER

One of the oldest and most reliable single tube outside adjustment heater and thermostats available. Built in pilot light, radio and TV static eliminator, metal clamp holder.



629 A—8" Tube—25 watt	\$5.75
629 B—8" Tube—40 watt	5.75
629 C—8" Tube—75 watt	5.75
629 D—10" Tube—75 watt	6.10
629 E—10" Tube—100 watt	6.10
629 F—12" Tube—100 watt	6.50
629 G—12" Tube—150 watt	6.50
629 H—15" Tube—150 watt	7.50
629 I—15" Tube—200 watt	7.95

CORRECT SIZE IS IMPORTANT

Heaters placed vertically in an aquarium should reach to within 1 to 2 inches from gravel at bottom of aquarium. For proper heat control we recommend the following length tubes and wattages for the aquariums as listed.

2 to 3 gal. Chill Breaker—10-15 watt Heater with Thermostat.
5 to 6 gal. 8" Tube—25 watts. 8 gal. 8" Tube—40 watts.
10-12 gal. 8" Tube—40 or 50 watts.
15 gal. 8" or 10" Tube—75 watts. 17 gal. 10" Tube—75 or 100 watts.
20 gal. 10" or 12" Tube—100 watts.
23 to 26 gal. 12" Tube—125 watts.
29-30 gal. 15" Tube—150 watts.
34-50 gal. 15" tube—150 or 200 watts—or 2 heaters, one in each end.

A safe "rule of thumb" to follow when in doubt—figure 4 or 5 watts per gallon of water.

The "ideal" temperature in most aquariums is considered to be 74-76 degrees F. When treating sick or diseased fish water temperature should be raised to 80-85 degrees F.

IMPORTANT DON'TS

Remember, a heater and thermostat is a precision instrument—and an electrical appliance. Treat it as such—use it, never abuse it, and it will provide years of trouble free service. We list below a few DON'TS to combat the most common causes of failure in heating equipment.

DONT—Put heaters or thermostats in service without first carefully reading fully the manufacturers instructions which accompany all units. Keep these on file, refer to them occasionally to refresh your memory as to the operation of your heating unit.

DONT—Allow water to enter into tube containing heater or thermostat units. Always inspect glass tubes carefully for signs of cracks, which will permit water to seep into tube. Never locate heater too close to filter or aerator, or underneath glass cover where drops of water can enter unit. Except submergible heaters—never fully submerge unit under water.

AQUARIUM HEATERS

Heaters without Thermostats will not operate automatically; for safety and economy, we suggest that a Thermostat and Pilot Light be used in conjunction with any of the heaters listed below except the Chill Breaker. All heaters are fully guaranteed for a period of one year by the manufacturer except against glass breakage.

601—Chill Breaker—A combination chill breaker heater, and aquarium light to heat and illuminate small tanks and bowls from 1 to 3 gallons. 6 watt bulb, low in operation cost. Comes with aluminum foil shade (not shown in picture) to control amount of light. Six inch glass tube; metal hanger. Price **\$1.65**

602—Barrus Submergible Heater—This type heater may be completely submerged and placed on the bottom of the aquarium. Absolutely water proof; sealed with live rubber; heavy duty waterproof cord 36 inches long allows heater to lie in horizontal position on bottom of aquarium where the water is the coldest to give all over heat distribution

602 A — 6 inch Pyrex tube, 12½-25 watt	\$2.50
602 B — 8 inch Pyrex tube, 50-75-100 watt	2.50
602 C —10 inch Pyrex tube, 125-150 watts	3.00
602 D —12 inch Pyrex tube, 250 watts	3.50

603—Submergible Pencil Heaters—Completely submergible, new slim shape makes it easily concealed in the aquarium. Well made to give long service, provide uniform heat. One year guarantee.

603 A — 8" tube, 25 watts	\$2.65
603 B —10" tube, 50 watts	2.65
603 C —10" tube, 75 watts	2.65
603 D —12" tube, 100 watts	2.85
603 E —16" tube, 125 watts	3.00
603 F —16" tube, 150 watts	3.25
603 G —16" tube, 200 watts	3.50

604—Wil-Nes Pyrex Tube Non-Submergible Heater—Safe dependable heat, "safety sealed" in Pyrex glass tube with 4-foot lead cord and wire hanger. Highest quality chromel metal heating element, built for long lasting aquarium heating service. Guaranteed for one year. SPECIFY WATTAGE WHEN ORDERING.

¾"x7" Pyrex Tube—10, 15, 25, 50, 75, 100 watts—
each **\$2.00**

606—Heating Elements—To replace worn out heating units in glass tube heaters. Ready to attach to cord, easily assembled. SPECIFY WATTAGE WHEN ORDERING.

10, 20, 30, 40, 50 watts each **35c**
100 watts each **50c**

650—Short Simplex Thermostat—6" Tube—built-in radio and TV static and interference eliminator. 4½ foot lead cord and three way plug for pilot light or heaters in combination up to 300 watts. Thermostat has easily set, inside adjustment screw type control. Metal clip for fastening to side of aquarium. Price **\$3.30**

(Pilot light, if desired, 35c extra)

651—Long Simplex Thermostats—(Not Illustrated) Same thermostat as described in No. 650 with the exception that it is intended to be used in deeper aquariums—aquariums over 10 inches deep. 8-inch tube. Price **\$4.00**

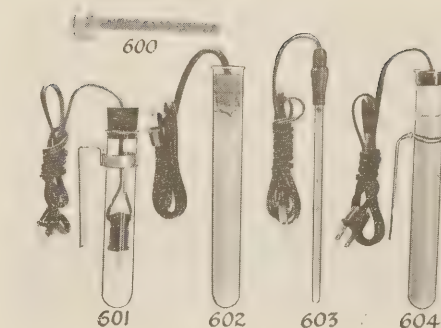
(Pilot light, if desired, 35c extra)

652—Duplex Thermostat—Designed for safety—two separate thermostats so arranged that if the one fails to shut off or turn on heater the other will. Both units are adjustable—This added safety factor is all important to breeders or to aquarists who keep their fish in rooms with widely fluctuating temperatures. Built in radio and TV interference eliminator. 4½ foot lead cord, 2 way plug for heaters in combination to 300 watts and a pilot light. Two year guarantee. Price **\$6.25**

(Pilot light, if desired, 35c extra)

653—Outside Adjustment Thermostat—500 watt capacity—outside adjustment control knob permits easy accurate temperature regulation. Fine silver contact points assure long dependable service. 8 inch tube, metal hanger, 4½ foot lead cord, 2 way plug for heaters and pilot light. Two year guarantee. Price **\$5.65**

(Pilot light, if desired, 35c extra)

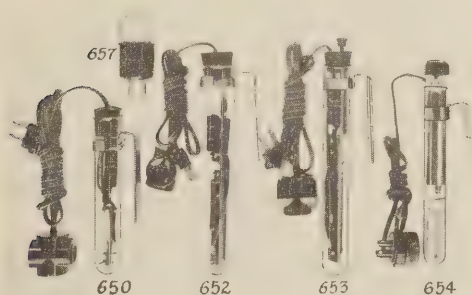


607—Heater Sealing Compound—To re-seal heaters of the non-submergible type. Enough sealing compound in can to repair two heaters. Does not dry out, unused portion will keep indefinitely. Per Can **15c**

600—Metal Heater Clamp—For heaters or thermostats—non-corrosive, light weight metal, easily bent to fit any aquarium frame. Price **35c**

THERMOSTATS

A thermostat will not heat the water. A thermostat is an electrically controlled automatic switch that will turn the aquarium heater on or off at whatever temperature it is set for, thus maintaining a constant water temperature. These thermostats we have listed are all precision instruments, laboratory tested, accurate within two degrees. All thermostats are guaranteed by the manufacturer.



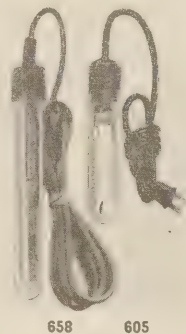
654—Calstat Calibrated Thermostat—Calibrated outside adjustment—easily read calibrations simplify setting of thermostat—thermometer at bottom of unit makes two precision instruments for the price of one. Built in interference eliminator, Pyrex glass tube, 500 watt capacity, guaranteed for two years. Price **\$5.50**

657—Pilot Light Bulb and Socket—Removable bulb and plug in socket, a longer lasting unit. Price **35c**

658—Es-Es Thermostat—5 inch tube—250 watt capacity. The unique snap action of this British made thermostat eliminates troublesome radio and TV static interference. Compact in size, dependable and accurate. **\$4.75** (Pilot light, if desired, 35c extra)

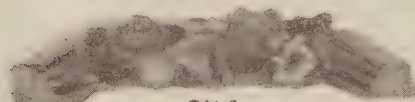
605—Es-Es Submergible Heaters—For the extreme in tidy, compact, completely submergible aquarium heaters these top quality British made units are supreme. Completely reliable, miniature in size, giants in performance.

25, 50, 75, 100, 150 watts—
(specify wattage).....each **\$2.75**

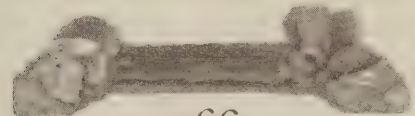




BG



DXG



GG



GG1

GG2

GRAVEL GUARDS

Gravel guards, or food guards, are useful as well as decorative in the aquarium. Primarily, they assist in the arrangement and aquascaping of the plants and show off the fish to a better advantage. If the gravel is placed higher in the back of the aquarium and sloped to the front most of the dirt and refuse in the aquarium will accumulate in front of the food guard and may be easily removed with a siphon or dip tube. Also, if a feeding ring is anchored to the glass with a suction cup holder over the open area formed by the gravel guard any excess food will drop into this open space and not drift between the gravel where the fish cannot find it.

All our gravel guards are handmade from natural slate, rocks, and minerals, that have been tested and found safe to use in the aquarium. These rocks are selected for their individuality of shape and color to provide an interesting and beautiful contrast with the plants in a natural setting.

Because of their bulk and weight—when ordering Gravel Guards by mail add to the prices listed 50c for extra postage and packing on all Gravel Guards except GG1 and GG2 which require only 10c additional.

GRAVEL GUARD WITH BRIDGE—Handmade from slate, natural rock and minerals, the rustic plastic bridge adds a decorative touch without detracting from the natural beauty of "Things Aquatic".

EG 12—12" long for aquariums 18" to 20" long \$2.00
EG 14—14" long for aquariums 24" to 30" long 2.25
EG 16—16" long for aquariums 30" to 36" long 2.75

Add 50c for Postage

DELUXE GRAVEL GUARDS—Here is a food guard designed to add color as well as utility. Short pieces of slate form the angles with a grouping of harmoniously blended rocks in the center. Distinctive and different, this series of deluxe gravel guards make a beautiful center piece in the front of any aquarium.

DXG 12—12" long for aquariums 18" to 20" long \$1.75
DXG 14—14" long for aquariums 24" to 30" long 2.00
DXG 16—16" long for aquariums 30" to 36" long 2.50

Add 50c for Postage

NATURAL LOOKING GRAVEL GUARDS—These guards with rocks on either sides of slate set in steps form a feeding area in the front of the aquarium and provide a natural decorative touch. Rocks are carefully selected so as not to detract from the "natural look" in your aquarium.

GG 10—10" long for aquariums 16" to 20" long \$1.25
GG 12—12" long for aquariums 18" to 20" long 1.50
GG 14—14" long for aquariums 24" to 30" long 1.75
GG 16—16" long for aquariums 30" to 36" long 2.00

Add 50c for Postage

GRAVEL GUARDS FOR SMALL AQUARIUMS—

Illustrated at bottom of photo these Gravel Guards are specifically designed for aquariums from 2 to 6 gallons in size. Handmade they are richly filled with small bits of rock and stone.

GG 1—6½" long—3¼" deep for aquariums 10" to 16" long 50c

GG 2—Same size as above—crescent shaped 50c

Add 10c for Postage

NATURAL AQUARIUM DECORATIONS

CORAL—

Lettuce Coral—Pure white coral shaped like a "head of lettuce". Large Pieces \$2.00; Medium \$1.00; Small 75c.

Rose Coral—White and assorted pastel colors—"rosette" shaped pieces.

Small 20c each, 3 for 50c; Large 35c each, 3 for \$1.00

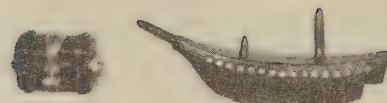
Lace Coral—Fragile looking "round ball shaped" pieces assorted colors about 4" in diameter. Price \$1.25 each.

ROCKS—

We carry a complete assortment of Decorative Rock for aquariums.

ROSE QUARTZ — RAINBOW ROCK — WHITE QUARTZ — PURPLE FLOURITE — GREEN SERPENTINE — RED HONEY COMB — PICTURE ROCK.

All are selected pieces—weight about 1 pound each piece. Price 50c per pound (If more than 1 piece is ordered add 15c per piece for additional postage if order is to be shipped parcel post.)



PA 14

PA 15



PA 13

PA 12

PA 11

PA 10



PA 9

PA 8

PA 7

REALISTIC AQUARIUM ORNAMENTS

Pure lead—safe to use in aquariums—realistic looking.

PA 14—Treasure Chest each \$.50
PA 15—Sunken Galleon; painted metal 5½" long each65
PA 13—Barrel—1½" each50
PA 12—Painted Metal Turtle each50
PA 11—Lead Anchor; painted cross bar—2¼" long each35
PA 10—Lead Anchor—2¼" long each30
PA 9—Painted Metal Jewelled Chest each 1.05
PA 8—Painted Metal Coin Chest each95
PA 7—Painted Metal Closed Top Treasure Chest each55

AQUARIUM GRAVEL

JO-JO AQUARIUM GRAVEL—Pure white quartz and silica grits, easily washed, just the right size for growing plants in your aquarium.

All Aquarium Gravel will be shipped via Railway Express—shipping charges Collect—unless extra remittance is included to cover postage and mailing charges as follows:

Jo-Jo Aquarium Gravel—5 # Bag—\$.25 plus \$.75 Postage
Jo-Jo Aquarium Gravel—10 # Bag—\$.50 plus \$1.00 Postage
Jo-Jo Aquarium Gravel—15 # Bag—\$.75 plus \$1.50 Postage
Jo-Jo Aquarium Gravel—25 # Bag—\$1.00—Express Only

JO-JO PASTEL COLOR-SAND—Brilliant and striking colors that do not fade, safe to use in aquariums. Colors as follows: CHINESE RED — CHARTREUSE — FUSCHIA — PINK — NILE GREEN — BABY BLUE — JET BLACK — SNOW WHITE — CANARY YELLOW — BURNED ORANGE — ORCHID — BRIGHT BLUE — EMERALD GREEN.

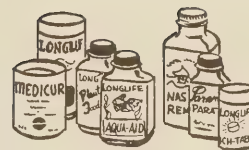
Price per Pound Package 25c; 10 Pound Bag \$2.00

When ordering Color-Sand by mail add 15c per pound to cover extra postage requirements unless entire order is to be shipped express.

TRIED — TESTED — PROVEN
SCIENTIFICALLY COMPOUNDED
NUTRITIOUS FISH FOODS



Foods and Remedies



AQUARIUM TESTED
PHARMACEUTICALS
REMEDIES AND TONICS

LONGLIFE FISH FOODS

Longlife REGULAR Tropical Fish Food, 1 oz., Fine, Medium, or Coarse Grade. Per Can 25c
Longlife REGULAR Tropical Fish Food, 1/2 oz., Fine, Medium, or Coarse Grade. Per Can 15c
Longlife REGULAR Tropical Fish Food, pound, Fine, Medium, or Coarse Grade. Per Box \$2.50
Longlife CONDITIONING Tropical Fish Food, 1 oz., Fine, Medium, or Coarse Grade. Per Can 35c
Longlife CONDITIONING Tropical Fish Food, pound, Fine, Medium, or Coarse Grade. Per Box \$3.50
Longlife MICROGRAIN, Baby Fish Food. Per Can 25c
Longlife MICROGRAIN, Baby Fish Food, pound. Per Box \$3.50
Longlife GOLDFISH FOOD. Per Can 20c
Longlife TURTLE FOOD. Per Can 20c
Longlife DRIED DAPHNIA. Per Can 20c
Longlife SALMON EGGS. Per Can 15c
Longlife SHRIMP MEAT. Per Can 15c
Longlife CRAB MEAL. Per Can 15c
Longlife CLAM MEAL. Per Can 15c
Longlife TREATS, with Aureomycin. Per Can 45c
Longlife ROSA-FLAKE, 1/4 oz. Per Can 35c
Longlife ROSA-FLAKE, 1 oz. Per Box 95c
Longlife VITA-FLAKE, 1/4 oz. Per Can 35c
Longlife VITA-FLAKE, 1 oz. Per Box 95c
Longlife BLUE RIBBON Tropical Fish Food, 1 oz., Medium Grade. Per Can 25c

WARDLEY FISH FOODS

Wardley's SUPREMIUM Tropical Fish Food, 1 oz., Fine, Medium, or Coarse Grade. Per Can 35c
Wardley's SUPREMIUM Tropical Fish Food, pound, Fine, Medium, or Coarse Grade. Per Box \$3.50
Wardley's VITAFARE Tropical Fish Food, 1 oz., Fine, Medium, or Coarse Grade. Per Can 25c
Wardley's VITAFARE Tropical Fish Food, pound, Fine, Medium, or Coarse Grade. Per Box \$2.50
Wardley's FRYFARE Baby Fish Food. Per Can 30c
Wardley's SHRIMP MEAT. Per Can 15c
Wardley's SALMON EGGS. Per Can 15c
Wardley's FORTIFIED GOLDFISH FOOD. Per Can 20c
Wardley's INFUSORIA POWDER. Per Can 30c
Wardley's DIET-PAC. Complete assortment. Each \$1.95

BAUSMAN FISH FOODS

Bausman MOLLIE FOOD, 1 oz. Per Can 25c
Bausman MOLLIE FOOD, pound. Per Box \$1.75
Bausman INFUSORIA TABLETS. Per Can 25c
Bausman INFUSORIA POWDER. Per Can 25c

JO-JO FISH FOODS

Jo-Jo TROPICAL Fish Food. Per Can 20c
Jo-Jo TROPICAL Fish Food, pound. Per Box \$1.50
Jo-Jo NATURAL Goldfish Food. Per Can 15c
Jo-Jo NATURAL Goldfish Food, pound. Per Box \$1.00
Jo-Jo OUTDOOR Pond Fish Food, 10 oz. Per Box 45c
Jo-Jo TURTLE Food. Per Can 20c

WIL-NES FISH FOODS

Wil-Nes TROPICAL Fish Food, Fine, Medium, or Coarse Grade. Per Can 25c
Wil-Nes VITALIZING Fish Food, Fine, Medium, or Coarse Grade. Per Can 35c
Wil-Nes MICRO-FINE Baby Fish Food. Per Can 25c
Wil-Nes DRIED DAPHNIA. Per Can 15c
Wil-Nes SALMON EGGS. Per Can 15c
Wil-Nes COD LIVER MEAL. Per Can 15c
Wil-Nes BEEF MEAL. Per Can 15c
Wil-Nes CRAB MEAL. Per Can 15c
Wil-Nes SHRIMP MEAL. Per Can 15c
Wil-Nes BLOOD MEAL. Per Can 15c
Wil-Nes VITAMIN TABLETS. Per Can 20c

AQUARIUM RESEARCH FISH FOODS

Fish-Ade SUS-TANE Tropical Fish Food. Fine, Medium, or Coarse Grade. Per Can 25c
Fish-Ade SALMON EGG MEAL. Per Can 25c
Fish-Ade SHRIMP MEAT. Per Can 25c
Fish-Ade CRAB MEAL. Per Can 25c
Fish-Ade BEEF MEAL. Per Can 25c

TROPICALA FISH FOODS

TROPICALA Fish Food, 1 oz., Fine, Medium, or Coarse Grade. Per Can 25c

PEEKSKILL "PRECOOKED" FISH FOODS

Three Separate Formulas

Formula A—LIVER
Formula B—FISH
Formula C—SPINACH

Specify Formulas desired when ordering:

1/2 Ounce Jars 20c Each
1 Ounce Jars 35c Each
2 Ounce Jars 60c Each

BRINE SHRIMP EGGS

JO-JO BRINE SHRIMP EGGS—Highest quality domestic Brine Shrimp Eggs—easily hatched, will keep indefinitely; an excellent food for all fish. 50c per bottle; per pint \$7.50

SANDERS BRINE SHRIMP—At last! A top quality Brine Shrimp Egg at a price everyone can afford. A boon to hobbyists and breeders of Tropical Fish everywhere. Simple to hatch—we send complete folder containing directions with every order. Feed your fish this easy to prepare live food and notice the difference immediately. For adults and fry alike. 1 Oz. Bot. 50c; Half Pint \$2.00; Pint \$3.95; Qt. \$7.50

LIVE FOODS

WHITE WORMS—(Enchytraea) Easy to raise, can be kept the year round if raised in a cool place in a box filled with moist leafmold and soil. Large culture with complete directions for feeding and care. \$1.00

MICROWORMS—A wonderful live food for babies and other small mouthed fish. Easily grown in a cereal-yeast medium. Cultures shipped in glass container with complete directions; easily kept the year round. Per Culture \$1.00

FROZEN FISH FOODS

FOR SALE AT PLANT ONLY—We Do Not Ship Frozen Fish Foods from this Catalog.

Frozen Fish Foods are equal in food value to live food. Regular feedings of either Frozen Daphnia or Brine Shrimp will noticeably effect a wonderful change in all your fish. Keeps indefinitely in home freezers or freezing compartment in your refrigerator.

FROZEN DAPHNIA—Pure Frozen Daphnia—caught, cleaned, and frozen while still alive. Packed in 1 ounce paper cup, chop off what you intend feeding, thaw and feed only what fish will eat immediately. 35c Each; 3 for \$1.00

FROZEN BRINE SHRIMP—Fresh caught and frozen alive, adult Brine Shrimp from the Great Salt Lake in Utah. Packaged in plastic bags, Chip off enough for one feeding, thaw and feed only what fish will eat immediately. Remainder will keep indefinitely if kept frozen solid. 1 ounce Package 30; 3 1/2 ounce Package 75c; 1/2 Pint \$1.25; Pint \$2.25.

AQUARIUM PLANT FOODS

Longlife PLANT FOOD, 1 oz. bottle. Each 35c
Longlife PLANT FOOD, 4 oz. bottle. Each \$1.00
Longlife PLANT FOOD, pint bottle. Each \$2.75
Longlife PLANT FOOD, quart bottle. Each \$5.00
Fulton's PLANT TABS, 50 tablet box. Each 35c

REMEDIES AND TONICS

Longlife GERMICIDE AND PLANT REBUILDER. Each 30c
Longlife ICH AND FUNGUS TABLETS. Each 30c
Longlife ICH TABS. Each 35c
Longlife AQUA-AID, 1 oz. bottle. Each 25c
Longlife AQUA-AID, 4 oz. bottle. Each \$1.00
Longlife AQUA-AID, pint bottle. Each \$2.75
Longlife AQUA-AID, quart bottle. Each \$5.00
Wardley's AQUATONIC, 1 oz. bottle. Each 25c
Wardley's AQUATONIC, 4 oz. bottle. Each 90c
Fish-Ade AQUARIUM REMEDY AND TONIC, 1 oz. bottle. Each 25c
Fish-Ade AQUARIUM REMEDY AND TONIC, 4 oz. bottle. Each 90c
Nasco REMEDY, 2 oz. bottle. Each 45c
Aqua-Stock MEDICURE. Each 50c
Bausman's FISH TONIC. Each 35c
Brind's ANTIGERM AND PLANTGRO. Each 35c
Vita-San RAPID FUNGUS REMEDY, 2/3 oz. Each 50c
Vita-San RAPID FUNGUS REMEDY, 2 oz. Each \$1.00
Vita-San RAPID FUNGUS REMEDY, 8 oz. Each \$3.00
Vita-San RAPID FUNGUS REMEDY, 16 oz. Each \$5.00
Vita-San RAPID FISH REMEDY, 2/3 oz. Each 50c
Vita-San RAPID FISH REMEDY, 2 oz. Each \$1.00
Vita-San RAPID FISH REMEDY, 8 oz. Each \$3.00
Vita-San RAPID FISH REMEDY, 16 oz. Each \$5.00
Westchester LIQUID AUREOMYCIN. Per Jar \$1.50
Westchester HYDRA-CURE. Per Jar 25c
Westchester METHYLENE BLUE SOLUTION. Per Jar 25c
SEA SALT. 1-lb. Box 25c

WATER CONDITIONERS

WATER-RITE, 4 tablet vial. Each 15c
WATER-RITE, 12 tablet vial. Each 35c
WATER-RITE, 35 tablet jar. Each 75c
WATER-RITE, 4 oz. powder jar. Each \$1.00
WATER-RITE, 1 pound powder jar. Each \$3.25
CHLORINE INDICATOR. Each \$1.00
Fish-Ade LIQUID CHLORINE NEUTRALIZER, 1 oz. bottle. Each 25c
Fish-Ade LIQUID CHLORINE NEUTRALIZER, 4 oz. bottle. Each 90c
PERLIA, small size, for one gallon. Each 20c
PERLIA, medium size, for 3 to 5 gallon. Each 35c
PERLIA, large size, for 12 to 20 gallon. Each 75c
ANTIDISCRASSIUM, 2/3 oz. Each 50c
ANTIDISCRASSIUM, 2 oz. Each \$1.00
ANTIDISCRASSIUM, 8 oz. Each \$3.00
ANTIDISCRASSIUM, 16 oz. Each \$5.00
Longlife HEALTH SHELL. Each 25c
MAGIC AQUARIUM BALLS. 3 for 25c
Fish-Ade DEODORANT-PURIFIER. Each 35c
Fish-Ade TURTLE-ADE. Each 20c
Longlife CLEAREX. Each 25c
Jo-Jo PERMANGANATE DISINFECTANT. Each 25c

PLEASE NOTE

WE DO NOT SHIP TROPICAL FISH

We carry in stock at our plant, at all times, a complete variety of all the popular varieties and many of the more rare varieties of Tropical Fish. We sell Tropical Fish at our plant only.

Because of extremely poor service and improper handling of Tropical Fish shipments enroute, we have found it necessary to discontinue entirely, the shipping of Tropical Fish.

We have done so because of the needless aggravation caused our customers receiving shipments of Tropical Fish dead or sick on arrival.

We are proud of our merchandise, the plants and fish we grow here—we want you, our customers to receive our products in good condition, so that you will receive full value enjoyment in return for the money you spend with us.

GOLDFISH COLLECTIONS

For The Aquarium Or Small Pool

COLLECTION NO. G 1

10 assorted fish—cute little red and gold fantails, coal black Telescopes, colorful Comet Tails, and odd calico colored Shubunkins.

Col. G 1 — \$2.00

COLLECTION NO. G 2

15 assorted fish as described above—a nice collection for a 10 gallon aquarium.

Col. G 2 — \$2.65

COLLECTION NO. G 3

15 selected extra fancy goldfish, Fantails, Telescopes, Shubunkins, Calico Fantails, Comets—all carefully selected as to color, fins, and body shape. Medium size selected fish of top quality scientific breeding. A real "show collection" for the goldfish fancier.

Col. G 3 — \$3.50

NOTE: PRICES OF ABOVE COLLECTIONS
INCLUDE SHIPPING CONTAINER



"A THING OF BEAUTY IS A JOY FOREVER!" The beauty and hardness of the goldfish have made them an aquatic pet for centuries. Today these same species are still in abundance; still as beautiful in the aquarium or fish bowl. We are sure that you will be more than pleased with our goldfish selections.

COMET TAILS—These are the best known of the goldfish; a variety with long graceful tails and brilliant colors.

2 to 3 inch.....	each 15c.....	dozen \$1.50
3 to 4 inch.....	each 20c.....	dozen 2.00

FANTAILS—The most graceful and perhaps best liked of the goldfish.

2 inch.....	each 25c.....	dozen \$2.50
3 inch.....	each 35c.....	dozen 3.50

TELESCOPES—These velvety black fish have large protruding "pop-eyes."

2 inch.....	each 35c.....	dozen \$3.50
3 inch.....	each 50c.....	dozen 5.00

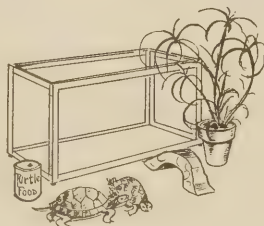
SHUBUNKINS—A thoroughly hardy fish with brilliantly mottled colors, blue, red and black, white, yellow, and brown. These fish are also known as "Calico Fish".

2 to 3 inch.....	each 25c.....	dozen \$2.50
3 to 4 inch.....	each 35c.....	dozen 3.50

CALICO FANTAILS—A delightful combination of brilliant calico colors and graceful tail. The Calico Fantail is one of the more unusual types of goldfish.

2 inch.....	each 35c.....	dozen \$3.50
3 inch.....	each 50c.....	dozen 5.00

TURTLE COLLECTIONS



These baby turtles are a special delight to youngsters. They make wonderful pets, require little care, and are an ideal way to educate children about animal life and care of pets.

Because baby turtles are not available at all times we can ship these Turtle Collections only when we are able to obtain them. Usually we are able to ship them from February to April—and from August to November.

COLLECTION NO. 57—2 Baby Green Turtles, 1 Umbrella Palm, 1 box Jo-Jo Turtle Food, 1 Turtle Bridge—Price **\$1.50**.

COLLECTION NO. 59—A smaller collection—includes 1 Baby Green Turtle, 1 box Jo-Jo Turtle Food, 1 bag pearl Chips, 1 Plastic Turtle Bowl with Palm Tree Ornament—PRICE COMPLETE **\$1.45**.

COLLECTION NO. 60—A larger collection—includes 2 Baby Green Turtles, 1 Box Jo-Jo Turtle Food, 1 bag Pearl Chips, 1 large oval Plastic Turtle Bowl with double Palm Tree Ornament—PRICE COMPLETE **\$2.75**.



READ BEFORE ORDERING GOLDFISH

**GOLDFISH ARE SHIPPED RAILWAY EXPRESS—MINIMUM ORDER \$2.00
WE GUARANTEE LIVE ARRIVAL OF GOLDFISH**

NO ORDER ACCEPTED FOR GOLDFISH IF SHIPPING DISTANCE IS OVER 1000 MILES

Live arrival guaranteed under the following conditions: If shipment arrives in bad condition notify the Railway Express Claim Department at once—obtain from them a "Joint Inspection Bad Order Report." Return our can and mail us this Bad Order Report. With this, we can replace the dead fish to you free of charge. No claims will be considered without this Bad Order Report. We reserve the right to replace or refund purchase price of fish at our discretion.

SHIPPING CANS

Orders for up to 25 fish are shipped in non-returnable shipping cans. Add 50c to the amount of your order for the cost of this can.

Orders for up to 50 fish are shipped in our type "B" shipping can. We require a deposit of \$3.00 to insure the return of this can. "B" Cans to be returned prepaid, your deposit refunded on receipt of our can.

Orders for more than 50 fish or larger fish are shipped in our type "A" shipping cans. We require a deposit of \$7.50 to insure return of this can. "A" cans to be returned prepaid, your deposit refunded on receipt of our can.

Please Note: All type A and B fish cans can be returned via the Railway Express "EMPTY CONTAINER RATE" from any point in the United States plus tax. The deposit we require is nowhere near the value of these shipping cans, we must have these cans back. We expect your co-operation and appreciate it.

BRANDY SNIFTERS



Too large for drinking—just right for planting. Easy to care for, hardy, cacti gardens add year round beauty to any room. Two styles, beautiful GREEN BASE BRANDY SNIFTERS—or all CRYSTAL CLEAR GLASS BRANDY SNIFTERS.

T1 C GREEN BASE BRANDY SNIFTER (T1) Complete as illustrated with 8 hardy cacti and succulents, a miniature covered wagon and donkey, 2 ornamental rocks, colored sand. PRICE COMPLETE \$7.25. PLANTS ETC. ONLY—\$3.00.

T2 C GREEN BASE BRANDY SNIFTER (T2) Complete as illustrated with 7 hardy cacti and succulents, a miniature covered wagon and donkey, ornamental rocks and colored sand. PRICE COMPLETE \$5.20. PLANTS ETC. ONLY—\$2.25.

T3 C GREEN BASE BRANDY SNIFTER (T3) Complete as illustrated with 5 hardy cacti and succulents, a miniature donkey, ornamental rock and colored sand. PRICE COMPLETE \$2.75. PLANTS ETC. ONLY—\$1.45.

T4 C GREEN BASE BRANDY SNIFTER (T4) Complete as illustrated with 4 hardy cacti and succulents, a miniature donkey, ornamental rock and colored sand. PRICE COMPLETE \$1.65. PLANTS ETC. ONLY—85c.

BRANDY SNIFTERS ONLY (without plants, etc.)

Capacity	Green Base	Price	Clear Base	Price
265 oz.	No. T 1	\$4.25	No. T 5	\$3.95
160 oz.	No. T 2	2.95	No. T 6	2.65
65 oz.	No. T 3	1.35	No. T 7	1.15
32 oz.	No. T 4	.80	No. T 8	.75

Note—265 Oz. and 160 Oz. shipped via Railway Express.

DISH GARDENS



NO. DM 104—COTTAGE GARDEN—Complete with six beautiful plants, all hardy varieties, miniature garden ornaments (House, Arbor, Bridge, and Bench) with plenty of colored gravel to give your planting a smooth finished look. Bowl 104 is 2 inches deep, 10 inches long, 5 1/4 inches wide.

NO. DM 104—COTTAGE GARDEN—COMPLETE
as pictured \$3.00
Specify color of bowl—Green or White

NO. 104—Bowl Only—Green or White \$1.00

DECORATIVE PLANTS

Here is a group of plants ably suited for decorative planting anywhere in the home. All are adaptable to dish gardens, planters, or terrarium gardens.

DT-1—Watermelon Peperomia	ea.	\$50
DT-2—Irish Moss	ea.	.25
DT-3—Tradescantia	ea.	.35
DT-4—Pink Veined Fittonia	ea.	.75
DT-5—Selaginella	ea.	.35
DT-6—Brazilian Epicia	ea.	.50
DT-7—Star Cryptanthus	ea.	.35
DT-14—Variegated Peperomia	ea.	.50
DT-15—Snow White Nepenthes	ea.	.50
DT-16—Syngonium Hogshead	ea.	.35
DT-17—Syngonium Welendii	ea.	.35
DT-18—Dwarf Boxwood	ea.	.25

IVIES



This year's collection of the hardest and most unusual ivies. As illustrated above:

Top Row—left to right:

H-40 TELEKURL—This season's newest ivy has a personality all its own. Miniature leaves that curl and crinkle in a delightfully individual manner. Dark green leaves, fast growing and hardy. Each 35c.

H-41 WILLIAMSANA—Another new patented variegated ivy. Large leaves that have two-toned green centers edged with creamy white variegations. Each 35c.

H-42 IVALACE—This is one of the most unusual ivies we have seen in a long while. Patented, tri-pointed leaves deep green in color are scalloped with lacy edges. A miniature variety. Each 35c.

Bottom Row—left to right:

H-27 GLACIER IVY—The all time favorite variegated ivy. Self-branching and hardy—bright green leaves edged in white. Each 35c.

H-43 BIG DEAL—Here's a beauty! Crinkle edged, heart shaped leaves; heavily veined, dark green in color. A hardy, free growing ivy with sturdy stems. Each 35c.

H-44 BARKAFERS IDEAL—Another favorite—large bright green leaves, free growing and hardy. Each 35c.

**SPECIAL—All 6 of the Above Listed Ivies
For Only \$1.65**

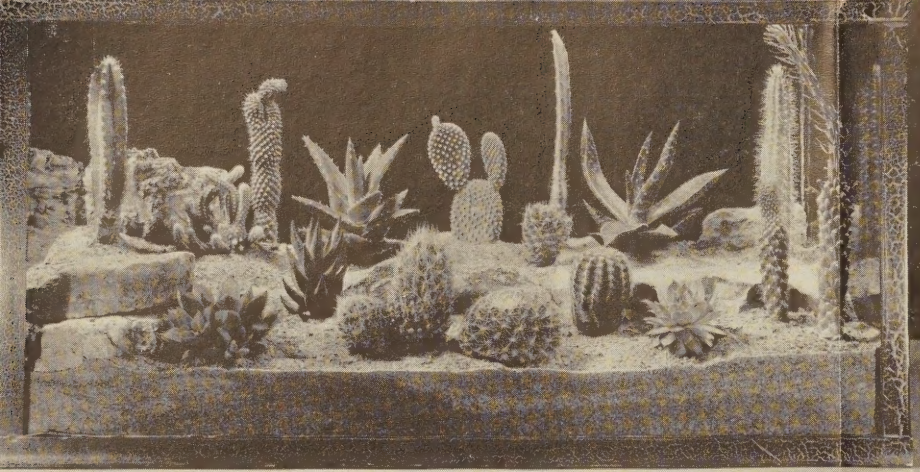
Not Illustrated

H-1 ENGLISH IVY (Hedera Helix). For the border where it is a bit shady. Alternate dark green leaves. Each 20c.

H-3 SELF BRANCHING IVY (Hedera Pittsburgh). Grows with new branches forming at the base of the leaves. Each 25c.

H-6 LEOPARD IVY (Hedera Colchica Variegata). Leaves are deep green with tiny white dotted coloring on the surface of the leaf. Each 35c.

H-20 MANDAS CRESTED IVY. A compact trailing plant—Beautiful large cellophane green wavy leaves—distinctly different—one of those "must have" varieties. Each 50c.



Plants For Terrarium And Dish Garden

In addition to the aquatic plants we grow in our modern greenhouse here at Loveland, we also specialize in unusual and "hard to find" plants that have been collected from all over the world. In response to letters from all over the country we are this year listing some of these plants that are easily grown for your indoor gardening pleasure. Any of these plants can be used in small individual planters, or combined to make artistic arrangements in larger pieces.

DECORATIVE PLANTS

TD Sanseveria—Hahni	50c
TD Sanseveria—Zeylancia	35c
TD Sanseveria Bantels Sensation	\$2.00
D Creopegia Woodie	35c
T Hoya Carnosa (Wax Plant)	45c
T Hoya Variegated	65c
T Hoya Exotica	75c
D Crasulla Arborescence	25c
TD Pellonia	35c
TD Talmiea Menzdezi (Piggy back plant)	50c

TREE LIKE PLANTS

TD Buxus Japonica (Boxwood)	25c
TD Pittisporium—Green and White	75c
TD Pittisporium—Green	35c

FERNS

TD Pteris Variegated	35c
TD Pteris Wilsonii	35c
TD Pteris Cristata	35c
TD Crytonium	35c
TD Selaginella—Moss Fern	35c

KEY TO LETTERS PRECEDING PLANTS

D—Plants suitable for Dish Gardens T—Plants suitable for Terrariums
TD—Plants suitable for Dish Gardens or Terrariums

CACTUS PLANTS

For your year round indoor gardening pleasure we list below a group of hardy cacti. All these plants are the hardiest and most unusual varieties we could find. Many are old favorites, others are newer and more rare species. Cactus are favorites of everyone because they are easy to grow under ordinary household conditions and require very little attention. For an unusually decorative conversation piece, take one of your old aquariums—fill it with 2 to 3" of sand and soil and try a "Cactus Terrarium."

ALL CACTUS
AS LISTED
BELOW

25c each

CACTI COLLECTION NO. CT-170 ALL 17 VARIETIES OF CACTI LISTED BELOW
OR YOUR CHOICE OF 17 CACTI for Only \$3.50.

Illustrated Back Row CT 1 to 9

- CT-1 —Cereus Variety—Peruvianus
- CT-2 —Chamaecereus Sylvestrii
- CT-3 —Opuntia—Boxing Glove
- CT-4 —Oleo Nobilis
- CT-5 —Opuntia Rufida
- CT-6 —Mammillaria
- CT-7 —Stapelia
- CT-8 —Aloe—Gasteria
- CT-9 —Nyctocereus Serpentinus

Illustrated Front Row
CT 10 to 17

- CT-10—Haworthia Cymbiformis
- CT-11—Haworthia Coarctata
- CT-12—Tarchactus
- CT-13—Mammillaria Type
- CT-14—Echinocereus
- CT-15—Sempervivum
- CT-16—Opuntia Crestata
- CT-17—Eupharbea Caput Medusae

Moisture Loving Plants

FOR SOIL-LESS GARDENING—A modern idea—a companion thought to the ever popular dish garden. Style your SOIL-LESS garden to harmonize with the interior of today's functional living room. All you need to create an interesting scene is a container that will hold water and plants. Fashion it to suit your own fancy using drift wood, or cork bark, highly colored rocks, lichens or sheet moss. Top it off with a colorful miniature figure or dish garden ornament—finish it with colored sand.

M-3 NEPHTHYTIS—Green Spear shaped leaves—25c each.

M-4 PHILODENDRON CORDATUM—a rapid grower—25c.

M-5 POTHOS AUREUS—25c.

M-7 SILVER MARBLE POTHOS—50c.

M-14 VARIEGATED NEPHTHYTIS—(PATENTED "TRI-LEAF WONDER")—50c.

Collection ML 75

One Each of the Above
Listed Plants

\$1.50



M-7

M-3

M-14

M-5

M-4

Visitors Welcome!

We cordially invite you to visit "Ohio's Finest Water Gardens." We are here to serve you at our plant daily and Sundays as well as to fill your orders by mail. Your whole family will be delighted by the unusual and exotic beauty of our twenty eight acres devoted exclusively to "Things Aquatic."

"Visitors are Welcome!" And we mean it! When you come out to see us—bring the family. Whether you come to look or to shop, you are welcome to stay as long as you like and to roam wherever you wish.

PLEASE! DON'T GET LOST.

WE ARE NOT LOCATED IN THE "VILLAGE" OF LOVELAND—(Loveland, Ohio is our mailing address only.)

STAY ON MONTGOMERY ROAD (U. S. 22—State Route 3)—OUR GATE IS EXACTLY 5 MILES BEYOND THE "DRIVE IN THEATRE" IN MONTGOMERY, OHIO.

From January 1 to April 1 we are open Weekdays 8 to 4:30 — Saturdays 8 to 5 — Sundays 12 to 5:30.

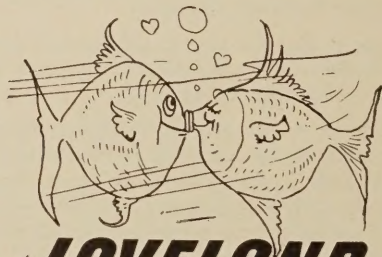
From April 2 to December 31 we are open Weekdays 8 to 4:30 — Saturdays 8 to 5 — Sundays 9 to 5:30.

We are not open in the evening and we close in observance of the following holidays: New Years Day, Decoration Day, Independence Day, Labor Day, Thanksgiving and Christmas.

LOVELAND GOLDFISH FARM AND AQUATIC NURSERIES — LOCATED ON THE C. C. C. HIGHWAY (U. S. 22 — STATE ROUTE 3) JUST A PLEASANT 20 MILE DRIVE FROM DOWNTOWN CINCINNATI.

OUR PHONE NUMBER — LOVELAND 5-5521

JANUARY 1 to
April 1
Open Daily
8 to 4:30
Sundays
12 to 5:30



★ LOVELAND ★
GOLDFISH FARM-AQUATIC NURSERIES

April 2 to
December 31
Open Daily
8 to 4:30
Sundays
9 to 5:30